Dart Hawkesbury 1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada Tel (813) 632-5200

O No	Supplie	Line Item No	Rel	Terms	Purchased Item	Description	For Part No	Project	Equipment ID	Order Qty	Due Date	Quantity	Accounting Job No	Serial No	Status	Receive Date	Price/Unit	Aging Pa Days Du	е	Supplie Name
	ACI001- VC	/ 2	4	Net 30	M304R1.009	1.00: MATERIAL: AISI 304/316 SS ROUND BAR AS PER ASTM A276 NOTE: AISI 303 NOT	_			48	11/24/2017	48		S018003	Stock	12/6/2017	\$ 6.57 / ft	0	\$315.2	Acier Ouellet Inc.
	0	3			M304524GA	ACCEPTABLE receive ft 304/316.025 Sheet: MATERIAL: AISI 304/316 SS SHEET ANNEALED AS PER MIL- S-5059 OR AMS 5513 (304) OR AMS 5524 (316) OR ASTM A240				64		J64		\$018004 \$\frac{1}{X_2}\$ \$		12/6/2017	\$ 2.90 / sf	0	\$185.4	A Acier Ouellet Inc.
		4	-		MT-1144- R1.750	OR ASME SA240 receive sf 1144 Steel Proof Round				12		3411	-	S018005	Stock	12/6/2017	\$ 15.21 / ft	0	\$164.2	8 Acier Ouellet
		/ 6			M6061T6S.032	Bar 1.750***				144		4 144		S018006	Stock	12/6/2017	\$ 2.24 / sf	0	\$322.8	o Acier Ouellet Inc.
		7			M6081T6S.06%	Sheet: MATERIAL: 6061-T6/T62 ALUMINUM SHEET AS PER QQ-A- 250/11 OR AMS-QQ-A- 250/11 OR AMS 4025 OR						144	U	\$018007	Stock	12/6/2017	\$ 2.76 / sf	0	\$396.9	5 Acier Ouelled Inc.
)	8			M6061T65.040	Sheet: MATERIAL: 6061-T6/T62 ALUMINUM SHEET AS PER QQ-A- 250/11 OR AMS-QQ-A- 250/11 OR						144	J.	5018008	Stock	12/6/2017	\$ 2.79 / sf	0	\$402.0	8 Acier Ouellet Inc.
		9		W	M6081T6S.125	AMS 4025 OR AMS 4027 OR ASTM 8209 receive sf 6061-T6.125 Sheet : MATERIAL; 6061-T6/T62 ALUMINUM SHEET AS PER QQ-A- 250/11 OR AMS-QQ-A-						144	s	5018009	Stock	12/6/2017	\$ 6.28 / sf	0	\$904.1	7 Acier Ouellet Inc.
		10			M303R2.000	250/11 OR AMS 4025 OR AMS 4027 OR ASTM B209 receive sf 803 Round Bar 2"": MATERIAL: AISI 303 SS				48		J 48	Vs	018010	Stock	12/6/2017	\$ 32.59 / ft	0	\$1,564.1	1 Acier Ouelle Inc.

Dart Hawkesbury 1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada Tel (613) 632-5200

Purchasing Receipts

PO No	Supplier	Line Item No	Rel No	Terms	Purchased Item	Description	For Part No	Project	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Serial No	Status	Receive Date	Price/Unit	Aging Days	Past Due	Total	Supplie Name
°O038419	ACI001-VC	12	1	Net 30		304/315 .025 Sheet : MATERIAL: AISI 304/316 SS SHEET ANNEALED AS PER MIL- S-5059 OR AMS 5513 (304) OR AMS 5524 (316) OR ASTM A240 OR ASME SA240 receive sf				V32	12/12/2017	32	~	\$020564	Stock	12/12/2017	\$ 2.90 / sf	0			Acier Ouellette Inc.
									Total:	32		32								\$72.27	

Plex 12/12/2017 11:43 AM dart.Gagnon.Michelle

PO No	Supplier	Line Item No	Rel	Terms	Purchased Item	Description	For Part No	Project	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Serial No	Status	Receive Date	Price/Unit	Aging Days	Past Due	Total	Supplier Name
						AS PER ASTM A582 NOTE:304/316 NOT ACCEPTABLE receive ft															
		11				1018-1025 fround bar.500: MATERIAL: AISI 1018- 1025 ROUND BAR AS PER MIL.S-7097 OR ASTM A108 Material, AISI 1020- 1025 ROUND TUBING PER MIL-T-5066 OR ASTM A513-00 MT1020 OR AMS 5075 OR AMS 5077 COLD DRAWN				12		+871 -16		S018011	Stock	12/6/2017	\$ 0.87 / ਜ	0		\$16.41	Acier Ouellette Inc.
						•			Total:	760		766							\$	3,372.75	

Plex 12/6/2017 10:53 AM Dart.Plouffe.Sonia



Dart Aerospace Ltd. 1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada

PURCHASE ORDER PO038419

Tel (613) 632-5200

Supplier: ACI001-VC

> Acier Ouellette Inc. 935 Boul. Du Havre

Valleyfield QC

J6S 5L1 Canada Phone: 800 667 4248 Fax: 450 377 5696

PO No:

PO038419

PO Date: Due Date: 11/20/17 11/24/17

Purchase Order Revision:

Revision Date: Ship-To Contact:

Lavoie, ChantalPhone:

clavoie@dartaero.com

Ship To:

1270 Aberdeen Street

Hawkesbury

ON

K6A 1K7 Canada Phone: 613-632-5200 Via:

Ground

Pymt Terms:

Net 30

Freight Terms:

Special Comments: quotation no sou0071752 and sou0071752

Line Item	1	Description	Status	Due Date	Order Quantity	Received Quantity		Unit Price (CAD)	Extended Price
1	M303B1.000X1.000	M303B1.000 X 1.000 : MATERIAL: AISI 303 SS BAR AS PER ASTM A582 NOTE: AISI 304/316 NOT ACCEPTABLE receive ft		11/24/17	24 ft	24 ft	O ft	\$22.41666/ft	\$0.00
2	M304R1.000	304 Round Bar 1.00 : MATERIAL: AISI 304/316 SS ROUND BAR AS PER ASTM A276 NOTE: AISI 303 NOT ACCEPTABLE receive ft	Received	11/24/17	48 ft	48 ft	O ft	\$6.566875/ft	\$0.00
3	M304S24GA	304/316 .025 Sheet : MATERIAL: AISI 304/316 SS SHEET ANNEALED AS PER MIL-S-5059 OR AMS 5513 (304) OR AMS 5524 (316) OR ASTM A240 OR ASME SA240 receive sf	Received	11/24/17	64 sf	64 sf	0 sf	\$2,8975/sf	\$0.00
4	MT-1144-R1.750	1144 Steel Proof Round Bar 1.750"	Received	11/24/17	12 ft	10.8 ft	1.2 ft	\$15.210833/ft	\$18.25
5	M17-4-S11GA	17-4 SS Sheet 0.125 (AMS 5604 or ASTM 693) : MATERIAL: 17-4PH STAINLESS STEEL SHEET AS PER AMS 5604 MINIMUM YIELD TENSILE STRENGTH = 105 KSI MINIMUM ULTIMATE TENSILE STRENGTH = 135 KSI receive ft	Received	11/24/17	32 ft	30 ft	2 ft	\$55.3125/ft	\$110.63
6		6061-T6 Sheet 0.032" : MATERIAL: 6061-T6/T62 ALUMINUM SHEET AS PER QQ-A-250/11 OR AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027 OR ASTM B209 receive sf	Received	11/24/17	144 sf	144 sf	0 sf	\$2.2416666/sf	\$0.00

Plex 12/12/17 11:24 AM dart.lavoie.chanta

			Item	5					
Line Item		Description	Status	Due Date	Order Quantity	Received Quantity		Unit Price (CAD)	Extended Price
7	M6061T6S.063	6061-T6 .063 Sheet : MATERIAL: 6061-T6/T62 ALUMINUM SHEET AS PER QQ- A-250/11 OR AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027 OR ASTM B209 receive sf		11/24/17	144 sf	144 sf	0 sf	\$2.7565625/sf	\$0.00
8	M6061T6S.040	6061-T6 .040 Sheet : MATERIAL: 6061-T6/T62 ALUMINUM SHEET AS PER QQ-A-250/11 OR AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027 OR ASTM B209 receive sf	Received	11/24/17	144 sf	144 sf	0 sf	\$2.792222/sf	\$0.00
9	M6061T6S.125	6061-T6 .125 Sheet : MATERIAL: 6061-T6/T62 ALUMINUM SHEET AS PER QQ-A-250/11 OR AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027 OR ASTM B209 receive sf	Received	11/24/17	144 sf	144 sf	0 sf	\$6.2789583/sf	\$0.00
10	M303R2.000	303 Round Bar 2" : MATERIAL: AISI 303 SS ROUND BAR AS PER ASTM A582 NOTE:304/316 NOT ACCEPTABLE receive ft	Received	11/24/17	48 ft	48 ft	Oft	\$32.585583/ft	\$0.00
11	M1018R0.500	1018-1025 round bar .500 : MATERIAL: AISI 1018-1025 ROUND BAR AS PER MIL-S- 7097 OR ASTM A108 Material, AISI 1020-1025 ROUND TUBING PER MIL-T-5066 OR ASTM A513-00 MT1020 OR AMS 5075 OR AMS 5077 COLD DRAWN	Received	11/24/17	12 ft	18.9 ft	-6.9 ft	\$0.86833/ft	\$-5.99
12	M304S24GA	304/316 .025 Sheet : MATERIAL: AISI 304/316 SS SHEET ANNEALED AS PER MIL-S-5059 OR AMS 5513 (304) OR AMS 5524 (316) OR ASTM A240 OR ASME SA240 receive sf	Firmed	12/12/17	32 sf	0 sf	32 sf	\$2.8975/sf	\$92.72
								Grand Total:	\$215,61

Order Notes

Procurement Quality Clauses

A005 right of entry

A012 chemical and physical test report

A016 personnel qualification

A017 raw material identification (as applicable)

A026 certification of material conformance

A041 quality management system

A042 dart notification by supplier

A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing (Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.



Plex 12/12/17 11:24 AM dart.lavoie.chantal



Billed to

DART AEROSPACE LTD

HAWKESBURY, Ontario, K6A 1K7

1270, ABERDEEN ST.

Instruction

77-3

ACIER OUELLETTE INC.

935, Boul. du Hâvre Salaberry de Valleyfield (Québec) J6S 5L1

Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242 Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248

Shipped to

, Ontario,

Date Customer N° 2017/11/21 CLI0001056

Delivery date Your order No 2017/12/05 38419

Processed by Josianne Bourdon

Salesman

Carrier

Credit Terme

Net 30 Days

OUELLETTE VALLEYFIELD

Page

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Conditions:	1 ALU SHEET .040 (18G) 6061-T6 (4 X 12) FEAL-0404126061 3121 3 X 4' X 12' HEAT: 63212 0 (MATERIEL DOIT ETRE STAMPER AC11539-5A-04/12		Product Description	Instruction F-M
Total Weight (Lbs): 81.07	81.07		Weight	Delivery Route 5
81.07	144.00 PI2_\$CLB	201	Ofv III/M	
NIR: R-109516-6	7 7	CMD EXP B/O	PCS NB	Page
	6	I NI	Inter	<u>~</u>
		SC	Internal Use Only	
		TUO		

All sold and delivered materials remain the property of "Acier Ouellette Inc" until payment is made in full, complete and cashed. All lost materials are at the buyer's expense. The warranty offered by "Acier Ouellette Inc," is the same as offered and honored by the manufacturer and his warranty is transferred by "Acier Ouellette Inc," to the client. The buyer hereby accepts to respect the following conditions: Net 30 days from billing date and the buyer accepts to pay administration charges of 2% per month (24% per annum) on all past due amounts over 30 days. Any default in respect with this contract will lead to payment by acceleration and permits to the seller, at his choice to claim for the balance due or the repossession of the goods sold. All claims must be made a 25% restocking charge. within five (5) days with this document enclosed. Any merchandise that has been damaged, cut or modified cannot be returned. All goods returned must be with our authorization and are subject to

Time

Total (\$CAD)

Prepared By:

Customer's Signature



Billed to

Shipped to

, Ontario,

DART AEROSPACE LTD

1270 , ABERDEEN ST. HAWKESBURY, Ontario, K6A 1K7

ACIER OUELLETTE INC.
935, Boul. du Hâvre
935, Boul. du Hâvre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Date **Delivery date Customer N°** 2017/11/21 CLI0001056 2017/11/29

Your order No Processed by

38419

Josianne Bourdon

Salesman

Credit Terme Carrier

Att: CHANTAL LAVOIE Tél.: 613-632-5200

Net 30 Days

OUELLETTE VALLEYFIELD

	PCHECI Y INCHES		1	
Product Description	Waight	1	PCS NB	Internal Use Only
a connect person belon	Meidill	איא מואי	CMD EXP B/O	/ IN I S C
1 ROUND SS 1 304 RANDOM	128.16	48.00 PI_\$CLB	1,5,7,2,1	
RSS-1-V 5747		(
A Y 13' B// HEAT		\	N. X	
2) SHEET SS 74G SS 704-2B (4 X 8)	67 20	64 00 PT2 &CI B		
2 X 4' X 8' HEAT			4.3	
3 ROUND STRESSPROOF 1 3/4 RANDOM	98.16	12.00 PI_\$CLB		
RST-134-V 5799		`		
1 X 12' HEAT AC11455-VA-23/11		<u> </u>	00	
4 ALU SHEET .032 (20G) 6061-T6 (4 X 12) FEAL-0324126061 3096	65.09	144.00 PI2_\$CLB	37	
3X41X121 HEAT 425-911)			, 21×+	5

NIR: R-109516-6

Customer No



Billed to

Shipped to

, Ontario,

DART AEROSPACE LTD 1270, ABERDEEN ST.

HAWKESBURY, Ontario, K6A 1K7

ACIER OUELLETTE INC.
935, Boul. du Hâvre
935, Boul. du Hâvre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Date **Delivery date** Your order N°

> 2017/11/21 CLI0001056

2017/11/29 38419

Processed by

Josianne Bourdon

Salesman Carrier

OUELLETTE VALLEYFIELD

Credit Terme

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Page Net 30 Days

	Product Description	Walter				PCS NB	ā			Interr	al Us	Internal Use Only	
		Weight	Ash	U/M	CMD	EXP	B/0		Z	-	2	2	2117
	MATERIEL DOIT ETRE STAMPER TRA1894-23/11							1		,		1	
O	ALU SHEET .064 (14G) 6061-T6 (4 X 12) FEAL-0644126061 3169	129.74	144.00 P	PI2_\$CLB		7 4							
	3 X 4' X 12' HEAT 6\S698300 MATERIEL BOXT ETRE STAMPED TRA1894-23/11					21xh							
0	. 1	81.07	144.00 P	PI2_\$CLB)				
	3 X 4' X 12' HEAT MATERIEL DOIT ETRE STAMPER	4444					1 5%	A	7				
7	ALU SHEET 1/8 6061-T6 (4 X 12) FEAL-184126061 4253	254.02	144.00 P	PI2_\$CLB	and hand described property and not	42						W. A. C.	- 1
	3 X 4' X 12' HEAT 6 150370					さばよ			X	3	7	D	5

NIR: R-109516-6

935, Boul. du Hâvre Salaberry de Valleyfield (Québec) J6S 5L1 Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248

Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Billed to

DART AEROSPACE LTD

Shipped to

, Ontario,

Att : CHANTAL LAVOIE Tél.: 613-632-5200

1270 , ABERDEEN ST. HAWKESBURY, Ontario, K6A 1K7

Instruction

Ţī Ž

Date **Customer Nº** 2017/11/21 CLI0001056

DELIVERY - CLIENT

Delivery date Your order No 2017/11/29

38419

Josianne Bourdon

Salesman

Processed by

Carrier

Credit Terme

Net 30 Days OUELLETTE VALLEYFIELD

Delivery Route G Page w

Con		9			
Conditions:	1 X 20' R/L HEAT	ROUND CR 1/2 1018 RANDOM	RSS-2-V 8931 AX 12' R/L HEAT AC11454-JG-23/11	MATERIEI DOIT ETDE CTAMPED	Product Description
Total Weight (Lbs): 1 360.00		13 36	523.20		Weight
os): 1 360.00	L. PCLD		48.00 (P_\$CLB		Qty U/M
NIR: R-109516-6	5, 7		12 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2	CMD EXP B/O	PCS NE
	95			IN	
				I S C	Internal Use Only
	P			TUO	

Conditions:

All sold and delivered materials remain the property of "Acier Ouellette Inc" until payment is made in full, complete and cashed. All lost materials are at the buyer's expense. The warranty offered by "Acier Ouellette Inc." is the same as offered and honored by the manufacturer and his warranty is transferred by "Acier Ouellette Inc." to the client. The buyer hereby accepts to respect the following conditions: Net 30 days from billing date and the buyer accepts to pay administration charges of 2% per month (24% per annum) on all past due amounts over 30 days. Any default in respect with this contract will lead to payment by acceleration and permits to the seller, at his choice to claim for the balance due or the repossession of the goods sold. All claims must be made within five (5) days with this document enclosed. Any merchandise that has been damaged, cut or modified cannot be returned. All goods returned must be with our authorization and are subject to a 25% restocking charge. Prepared By : Verified By : Delivered By

stomer's Signature	
Date	

5

Total (\$CAD)



DELIVERY - USINE

Сору соооо63121

All sold and delincred materials remain the property of "Acer Quelette Inc." until payment is made in full, complete and cashed. All lost materials are at the buyer's expense. The warranty offered by "Acer Quelette Inc." is the same as offered and honored by the manufacturer and his warranty is transferred by "Acer Quelette Inc." to the client. The buyer nereby accepts to respect the following conditions: Not 30 days from billing date and the buyer accepts to pay administration charges of 2% per menth (24% per annum) on all past due amounts over 30 days. Any default in response with this contract will lead to payment by acceleration and permits to the seller, at his choice to claim for the balance due or the repossession of the goods sold. All claims must be made without this document enclosed. Any mercrandise that has been damaged, cut or modified cannot be returned. All goods returned must be with our authorization and are subject to a 25% restocking charge.

Prepared By:

Verified By :

Delivered By:

Time

Customer's Signature

Date

3

Total (\$CAD)

DELIVERY - CLIENT

Copy co00063121

711711/2/11	935. Rout du Hâvre	INC.	Cust	Customer No		CLI0001056	1056			
Contract the second	Salaberry de Valleyfield (Québec) J6S SL1	uébec) J6S SL1	Date			2017/11/21	1/21			
	Fax: 450-377-5696 Mtl: 51	Fax: 450-377-5696 Mt; 514-336-4246 Ext.: 866-456-4242	Deliv	Delivery date	(P	2017/12/05	12/0	UI		
			Your	Your order No	0	38419	19			
DART AEROSPACE LTD	Shipped to		Proc	Processed by		Josianne Bourdon	e Bourc	ion		
1270 , ABERDEEN ST.			Salesman	man						
HAWKESBURY, Ontario, K6A 1K7	Citalio,		Carrier	er		OUELLETTE VALLEYFIELD	TTE VA	LEY	FIELL	
	Att : CHANTAL LAVOIE Tél.: 613-632-5200	Tél.: 613-632-5200	Cred	Credit Terme		Net 30 Days	Days			
Instruction F-M	Delivery Route	5	Page			şa				
Product Description	Weight	Qty U/M	CMD	PCS NB	B/O	2	Inter	na na	Internal Use Only	only
1 ALU SHEET .040 (18G) 6061-T6 (4 X 12) FEAL-0404126061 3121	81.07	144.00 PIZ_SCLB						(- 1	
3 X 4'X 12' HEAT: 63212/01 MATERIEL DOIT ETRE STAMPER AC11539-SA-04/12										
onditions:	Total Weight (Lbs):	81.07	NIR : R-109516-6	9516-6	-		-			
I sold and definered materials remain the property of "Aper Quellette Inc" until asyment is made in full, complete and cashed. All lost materials are at the buyer's expected. The warranty differed by fore manufacturer and his warranty is transferred by "Aper Quellette Inc," is the same as offered and nonoised by the manufacturer and his warranty is transferred by "Aper Quellette Inc," to the cleent. The buyer hereby accepts to respect in the contract set. 30 days from buing date and the buyer accepts to pay administration charges of 2% per month (24% per annum) on all post of mounts ever 20 days. Any default in secret with this contract will lead to payment by accepts to permate the celler, at his conditions for the balance out or the repossession of the goods gold, all dams must be made in five (5) days with this document encissed. Any merchandse that has been damaged, cut or modified cannot be returned. All goods returned must be with our authorization and are subject to	ment is made in full, complete and cashe is warrantly is transferred by "Acer Ouclik Illustration charges of 2% per month (24 linistration charges of 2% per month (26 fc', at his choice to claim for the balance thaged, cut or modified cannot be return	d. All lost materials are at the buyer's expensition for the field. The buyer hereby accident for the field in the fiel	ee. The warrant epts to respect 30 days. Any of all claims must to orization and a	y offered by the lefault in se made te subject to						

Prepared By :

Verified By :

Delivered By:

Time

Date

3

Total (\$CAD)



935, Boul. du Hâvre . · Salaberry de Valleyfield (Québec) J6S 5L1

Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248 Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Invoice

FC00066173

Customer No

CLI0001056

Date

2017/11/30

Your order Nº

38419

Processed by

Melanie

Salesman

JOSIANNE

Carrier

OUELLETTE VALLEYFIELD

Credit Term

Net 30 Days

Order N°

CO00063121

Page

1

Shipped to

, Ontario,

Sold to

DART AEROSPACE LTD

1270, ABERDEEN ST.

HAWKESBURY, Ontario, K6A 1K7

Product N° and description	Weight	Qty U/M	Qty	U/M	Price	Pcs Nb	Price	Amoun
ROUND SS 1 304 RANDOM RSS-1-V 5747 1 X 12'3" 3 X 12' HEAT (640256)	128.82	48.25 PI_\$CLB	48.25	PI		4.00	79.213	316,8
SHEET SS 24G SS304-2B (4 X 8) FESS-24G483042B 3444 2 X 4' X 8' HEAT: 849356	67.20	64.00 PI2_\$CLB	2.00	UN		2.00	92.720	185.4
ROUND STRESSPROOF 1 3/4 RANDOM RST-134-V 1 X 10'8" HEAT: 590135 AC11455-VA-23/11	87.19	10.66 PI_\$CLB	10.66	PI		1.00	162.150	162.15
ALU SHEET .032 (20G) 6061-T6 (4 X 12) FEAL-0324126061 3096 3 X 4' X 12' HEAT: 425911 MATERIEL DOIT ETRE STAMPER TRA1894-23/11	65.08	144.00 PI2_\$CLE	3.00	UN		3.00	107.600	322.80
ALU SHEET .064 (14G) 6061-T6 (4 X 12) FEAL-0644126061 3169 3 X 4' X 12' HEAT. 6150983001 MATERIEL DOIT ETRE STAMPER TRA1894-23/11	129.74	144.00 PI2_\$CLE	3.00	אע		3.00	132.316	396.95
ALU SHEET .040 (18G) 6061-T6 (4 X 12) FEAL-0404126061 3121 3 X 4' X 12' HEAT: 63212/01 MATERIEL DOIT ETRE STAMPER AC11539-SA-04/12	0.00	0.00 PI2_\$QLE	0.00	UN		3.00	134.026	0.00
ALU SHEET 1/8 6061-T6 (4 X 12) FEAL-184126061 4253 3 X 4' X 12' HEAT: 6150970	254.01	144.00 PI2_\$CLB	3.00	UN		3.00	301.390	904.17



935, Boul. du Hâvre .

Salaberry de Valleyfield (Québec) J6S SL1

Tél.: 450-377-4248 Mti: 514-336-4248 Ext.: 800-667-4248 Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Invoice

FC00066173

Sold to

DART AEROSPACE LTD

1270, ABERDEEN ST. HAWKESBURY, Ontario, K6A 1K7

Shipped to

, Ontario.

Att: Facturation

Customer Nº

CL10001056

Date 2017/11/30

Your order Nº

38419

Processed by

Melanie

Salesman

JOSIANNE

Carrier

OUELLETTE VALLEYFIELD

Credit Term

Net 30 Days

Order No

CO00063121

Page

2

Product N° and description	Weight	Qty	U/M	Qty	U/M	Price	Pcs Nb	Price	Amoun
MATERIEL DOIT ETRE STAMPER TRA1894-23/11									
ROND SS 2 303 RANDOM NS RSS-2-V 8931 3 X 13'9", 1 X 13'11" HEAT: 6254 AC11454-JG-23/11	601.35	55.17	PI_\$CLB	55.17	UN_\$UN		4.00	449.435	1 797.74
ROUND CR 1/2 1018 RANDOM RCR-12-V 5267 I X 18'9" HEAT: (140431)	12.52	18.75	PI_\$CLB	18.75	PI		1.00	9.770	9.77
SURCHARGE ENERGETIQUE FRAIS_ENERGETIQU NOTE:	0.00		\$. 3.95

Conditions:

Total Weight (Lbs):

1 345.95

All sold and delivered materials remain the property of "Acler Ouellette Inc" until payment is made in full, complete and cashed. All lost materials are at the buyer's expense. The warranty offered by "Acler Ouellette Inc." is the same as offered and honored by the manufacturer and his warranty is transferred by "Acler Ouellette Inc." is the same as offered and honored by the manufacturer and his warranty is transferred by "Acler Ouellette Inc." is the client. The buyer hereby accepts to respect the following conditions: Net 30 days from billing date and the buyer accepts to pay administration charges of 2% per month (24% per annum) on all past due amounts over 30 days. Any default in respect with this contract will lead to payment by acceleration and permits to the seller, at his choice to claim for the batance due or the repossession of the goods sold. All claims must be made within five (5) days with this document enclosed. Any merchandise that has been damaged, cut or modified cannot be returned. All goods returned must be with our authorization and are subject to a 25% restocking charge.

Subtotal

4 099.82

TPS/GST: 822 670 774 RT0001 TVQ/QST: 122 127 8182 TQ0001

HST

532.98

Total (\$CAD)

4 632.80

Solde (\$CAD)

4 632.80



Dart Hawkesbury 1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada

PURCHASE ORDER PO038419

Tel (613) 632-5200

Supplier: ACI001-VC

Ship To:

Acier Ouellette Inc.

935 Boul. Du Havre

Valleyfield

QC

J6S 5L1 Canada

Phone: 800 667 4248

1270 Aberdeen Street

Hawkesbury

K6A 1K7 Canada Phone: 613-632-5200

ON

Fax: 450 377 5696

PO No:

PO038419

PO Date:

11/20/17

Due Date:

11/24/17

Purchase Order

Revision:

Revision:

Revision Date: Ship-To Contact:

Phone:

Via:

Ground

Pymt Terms:

Net 30

Freight Terms:

Special Comments: quotation no sou0071752 and sou0071752

					Items	3					
Line Item		Rev	Description	Item Tax	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	M303B1.000X1.000		M303B1.000 X 1.000 : MATERIAL: AISI 303 SS BAR AS PER ASTM A582 NOTE: AISI 304/316 NOT ACCEPTABLE receive ft		Firmed	11/24/17	24 ft	0 ft	24 ft	\$22.41666/ft	\$538.00
2	M304R1.000		304 Round Bar 1.00 : MATERIAL: AISI 304/316 SS ROUND BAR AS PER ASTM A276 NOTE: AISI 303 NOT ACCEPTABLE receive ft		Firmed	11/24/17	48 ft	484	. 9	\$6.566875/R	\$315.21
3	M304S24GA	/	304/316 .025 Sheet : MATERIAL: AISI 304/316 SS SHEET ANNEALED AS PER MIL-S-5059 OR AMS 5513 (304) OR AMS 5524 (316) OR ASTM A240 OR ASME SA240 receive sf		Firmed	11/24/17	64 sf	leus	64 sf	\$2.8975/sf	\$185.44
4	MT-1144-R1.750\ /-		1144 Steel Proof Round Bar 1.750"	:	Firmed	11/24/17	12 ft	eu I	12 1	\$15.210833/ft	\$182.53
5	M17-4-S11GA :-		17-4 SS Sheet 0.125 (AMS 5604 or ASTM 693) : MATERIAL: 17- 4PH STAINLESS STEEL SHEET AS		Firmed	11/24/17	32 ft	O ft	32 ft	\$55.3125/m	\$1,770.00



Dart Hawkesbury 1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada

PURCHASE ORDER PO038419

Tel (613) 632-5200

					Items			•			
Line	1		1			Due	Order	Received		Unit	Extended
tem	Part	Rev	Description	Item Tax	Status	Date	Quantity	Quantity	Balance	Price (CAD)	Price
			PER AMS 5604 MINIMUM YIELD TENSILE STRENGTH = 105 KSI MINIMUM ULTIMATE TENSILE STRENGTH = 135 KSI								
-			receive ft								
6	M6061T6S.032 V		6061-T6 Sheet 0.032" : MATERIAL: 6061- T6/T62 ALUMINUM SHEET AS PER QQ-A-250/11 OR AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027 OR ABTM B209 receive sf		Firmed	11/24/17	/144 sf	0 sf	×-	\$2.2416666/sf	\$322.80
7	M6061T6S.063		6061-T6 .063 Sheet : MATERIAL: 6061- T6/T62 ALUMINUM SHEET AS PER QQ-A-250/11 OR AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027 OR ASTM B209 receive sf	Approximate programme and approximate and appr	Firmed	11/24/17	144 sf	0 sf	j	\$2.7565625/sf	\$396.95
	M6061T6S.040	A Marin . A ser . A series	6061-T6 .040 Sheet : MATERIAL: 6061- T6/T62 ALUMINUM SHEET AS PER QQ-A-250/11 OR AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027 OR ASTM B209 receive sf	and the second s	Firmed 1	1/24/17	/144 sf	0 sf	144 sf.	\$2.792222/sf	\$402.08
9	M6061T6S.125		MATERIAL: 6061- MATERIAL: 6061- T6/T62 ALUMINUM: SHEET AS PER QQ-A-250/11 OR AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027 OR ASTM B209 receive sf	F	Firmed 1	1/24/17	144 sf	0 51	144 sf \$	66.2789583/sf	\$904.17
10 1	M303R2.000 /	; ; ;	303 Round Bar 2" MATERIAL: AISI B03 SS ROUND BAR AS PER ASTM A582 NOTE:304/316	The second secon	firmed 1	1/24/17	48 ft	J8 F	48 ft \$	\$32.585583/ft {	51,564.11



Dart Hawkesbury 1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada

PURCHASE ORDER PO038419

Tel (613) 632-5200

					Items						
Line Item	Part	Rev	Description	Item Tax	Status	Due Date		Received Quantity	Balance	Unit Price (CAD)	Extended Price
		/	ACCEPTABLE receive ft								
11 1	M1018R0.500	Hamming The paper companies a delta above a management and a delta above a	1018-1025 round bar .500 : MATERIAL: AISI 1018-1025 ROUND BAR AS PER MIL- S-7097 OR ASTM A108 Material, AISI 1020- 1025 ROUND TUBING PER MIL- T-5066 OR ASTM A513-00 MT1020 OR AMS 5075 OR AMS 5077 COLD DRAWN		Firmed	11/24/17	12 ft	0 ft	12 ft	\$0.86833/ft	\$10.42

Order Notes

Procurement Quality Clauses

A005 right of entry

A012 chemical and physical test report

A016 personnel qualification

A017 raw material identification (as applicable)

A026 certification of material conformance

A041 quality management system

A042 dart notification by supplier

A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing (Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

A

Grand Total: \$6,591.70

Plex 11/20/17 1:33 PM DART.LAVOIE.CHANTAL



935, Boul. du Hâvre

Salaberry de Valleyfield (Québec) J6S 5L1

Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248 Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Quotation

SOU0071752

Billed to

DART AEROSPACE LTD

1270 , ABERDEEN ST. HAWKESBURY, Ontario, K6A 1K7

Shipped to

, Ontario,

Att: CHANTAL LAVOIE Tél.: 613-632-5200

Customer N°

CLI0001056

Date

2017/11/17

Revision Nº

0

Prices valid until

2017/11/24

Your Order No

Processed by

BERNARD

Salesman

JOSIANNE

Carrier

OUELLE SDV

Credit Terms

Net 30 Days

Page

1

Product N° and description	Weight	Qty	U/M	Qty	U/M	Price	Pcs Nb	Price	Amoun
CARRE SS303 1" 2 X 12' R/L 7-10 DAYS	0.00	2.00	UN	2.00	UN		2.00	269.000	538.00
ROUND SS 1 304 RANDOM RSS-1-V 5747 4 X 12' R/L STOCK	128.16	48.00	PI_\$CLB	48.00	PI		4.00	78.802	315.21
SHEET SS 24G SS304-2B (4 X 8) FESS-24G483042B 3441 2 X 4' X 8' STOCK	67.20	64.00	PI2_\$CLB	2.00	UN		2.00	92.720	185.44
ROUND STRESSPROOF 1 3/4 RANDOM RST-134-V 5799 1 X 12' 3-4 DAYS	98.16	12.00	PI_\$CLB	12.00	PI		1.00	182.530	182.53
SHEET 17-4 11G N 1 X 4' X 8' 7-10 DAYS	0.00	1.00	UN	1.00	UN		1.00	1 770.000	1 770.00
ALU SHEET .032 (20G) 6061-T6 (4 X 12) FEAL-0324126061 3096 3 X 4' X 12' 2-3 DAYS	65.09	144.00	PI2_\$CLB	3.00	UN		3.00	107.600	322,80
ALU SHEET .064 (14G) 6061-T6 (4 X 12) FEAL-0644126061 3169 3 X 4'X 12' 2-3 DAYS	129.74	144.00	PI2_\$CLB	3.00	UN		3.00	132.316	396.95
ALU SHEET .040 (18G) 6061-T6 (4 X 12) FEAL-0404126061 3121 3 X 4' X 12' 2-3 DAYS	81.07	144.00	PI2_\$CLB	3.00	UN		3.00	134.026	402.08
ALU SHEET 1/8 6061-T6 (4 X 12) FEAL-184126061 4253 3 X 4' X 12' 2-3 DAYS	254.02	144.00	PI2_\$CLB	3.00	UN		3.00	301.390	904.17
ROND SS 2 303 RANDOM NS RSS-2-V 8931 4 X 12' R/L 3-4 DAYS	523,20	48.00	PI_\$CLB	48.00	N_\$UN		4.00	391.027	1 564.11



935, Boul. du Hâvre

Salaberry de Valleyfield (Québec) J6S 5L1

Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248 Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Quotation

SOU0071752

Billed to

DART AEROSPACE LTD

1270 , ABERDEEN ST. HAWKESBURY, Ontario, K6A 1K7

Shipped to

, Ontario,

Att: CHANTAL LAVOIE Tél.: 613-632-5200

Customer No

CLI0001056

Date

2017/11/17

Revision Nº

0

Prices valid until

2017/11/24

Your Order No

Processed by

BERNARD

Salesman

JOSIANNE

Carrier

OUELLE SDV

Credit Terms Page Net 30 Days

Product N° and description	Weight	Qty	U/M	Qty	U/M	Price	Pcs Nb	Price	Amoun
SURCHARGE ENERGETIQUE FRAIS_ENERGETIQUE			\$						3.95
						i			

Total Weight (Lbs)

1 346.64

Important

This offer is based on availability and current pricing conditions that may be revised upon translationary discordential level of the conditional discordent con

Approuved and Accepted by :

Date :

Sub-total

6 585.24

TVH-13 · · 856.08

Total (\$CAD)

7 441.32



935, Boul. du Hâvre

Salaberry de Valleyfield (Québec) J6S 5L1

Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248 Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Quotation

SOU0071884

Billed to

DART AEROSPACE LTD

1270 , ABERDEEN ST. HAWKESBURY, Ontario, K6A 1K7

Shipped to

, Ontario,

Att: CHANTAL LAVOIE Tél.: 613-632-5200

Customer N°

CLI0001056

Date

2017/11/20

Revision No

0

Prices valid until

2017/11/27

Your Order No

Processed by

BERNARD

Salesman

JOSIANNE

Carrier

OUELLE SDV

Credit Terms

Net 30 Days

Page

1

Product N° and description	Weight	Qty	U/M	Qty	U/M	Price	Pcs Nb	Price	Amoun
ROUND CR 1/2 1018 RANDOM RCR-12-V 5267 1 X 12' R/L STOCK	8.02	12.00	PI_\$CLB	12.00	PI		1.00	10.420	10.42
SURCHARGE ENERGETIQUE FRAIS_ENERGETIQUE			\$						3.95

Total Weight (Lbs)

8.02

Important

This offer is based on availability and current pricing conditions that may be revised upon translocation of the live of the conditional desprix de l'acier sur le marché.

This offer is based on availability and current pricing conditions that may be revised upon translocation of the live of t

Sub-total

14.37

TVH-13 · · 1.87

Approuved and Accepted by:

Date ;

Total (\$CAD)

16.24

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: <u>M36</u> DATE:				_	PO / BATCH	HNO.: <u>038</u>	2419/501
QUANTITY RECEIVED: 4	811			_	CKNESS ORDE		000
QUANTITY INSPECTED: Y	801			SHI	EET SIZE ORDE	RED: 1	1/A
QUANTITY REJECTED:	9_			_ SHE	EET SIZE RECE	IVED:	1/4
DESCRIPTION	(Cr	CR neck (N)			COMMEN	TS	
SURFACE DAMAGE	Y,	N					
CORRECT FINISH	(3)	N					
CORROSION	Y	1					
CORRECT GRAIN DIRECTION	8	N					
CORRECT MATERIAL PER M-DRAWING		N	Asta	1 A 276	1A		
CORRECT THICKNESS	(4)	N					
PHOTO REQUIRED	Y						
CORRECT REF # TO LINK CERT		N	Heat	£ 64025	6		
ORRECT MATERIAL IDENTFICATIO		N					
CORRECT M# ON THE MATERIAL		N					
DOES THIS MATERIAL REQUIRE	\ \	(50)					
ENGINEERING SIGN OFF	Y	(N)					
DOES THIS REQUIRE AN EXTRUSION REPORT	\ \v	1					
CUT SAMPLE PIEC				AND PREFOR SULTS BELO		SS CHECK.	
			HRC	HRB	DURA	DUR D	WEBSTER
YPE OF MATERIAL		-	1110	FILLO	DOILL	55115	1,220,21
IZE OF TEST SAMPLE ARDNESS / DUROMETER READ	ING						

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

DATE:

DATE:

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: AISI 304/316 SS ROUND BAR (NOTE: AISI 303 NOT ACCEPTABLE)

SPECIFICATION:

ASTM A276

PART NUMBER:

M304R|D.DDD|
DIA.

O

EG. 0.75" ROUND BAR = M304R0.750 WHERE "D.DDD" = DIAMETER IN INCHES

MFG. APPR. APPROVED

DRAWN

A NEW ISSUE DESIGN

DESCRIPTION

A REF PAR 08-020A ADD SPECS (ZN D6-1),

DART AEROSPACE LID
HAWKESBURY, ONTARIO, CANADA
DRAWING NO.
M304R

 \cap

O

œ

SHEET 1 OF REV. B

SCALE SLN

09.07.15

304/316 ROUND BAR

Certified by LRQA 150 9001 / SGI 0000348 ISO 14001 / SGI 1070578

LES ACIERS TRANSBEC (1997) LTEE 4054, BOULEVARD CORBUSIER, BUREAU 201 LAVAL, QUEBEC, H7L 5R2 - CANADA



Trade Mark - Zeichen des Lieferwerkes Ausgrama del suministrador



Workt Inspector Stamp - Werkssechverständiger Sello del Inspector

Certificate type - APZ Nach Cortificate nº - Pruf-Nr Date - Datum - Fect a EN 10204/3.1 320019 Certificado tido Cortificado nº 11 - 07 - 2017 Our order Nº Haat Your order H* Works - Hr 640256 Schmelze 438705 Bastell - Nr 47772-STR Nº de Referencia Coloda Podido Nº Stee! Grade According to Workstoff AISI-304-L MECAMAX Entsprochend ASTM A 479 / A 479M-15 Colicad Сопевропфе Shape and Size - Gogonstad Tolerance - Toleranz Bundles 8 ars Weight Porfil y dimens do ROUND 1" Tolorancia Bunde 2 Sibbe Gowlicht. 2478 Lbs Bullos Burns ASTM A 484 /TB.7 Peso Roquiroments - Anforderungen - Exigencias Chemical composition according to ASTM F 899-12b. ASME SA 479 / SA 479M-15 ASTM A 276/A 276M-16a. Chemical compusition according to DOD-F-24669/6. ASTM A 182/A 182M-16. Type 304-F.304-F.304L. ASME SA 182 / SA 182M-16 ASTM A 193/A 193M-16.B8 CLASS.1. ASME SA 193/SA 193M-15 B8 CLASS.1. SAE AMS 5647J-11. SAE AMS 5639H-02. AMS QQS 763D-15 COND.A. ASTM A 320 / A 320M-14. Melling process / Erschmolzungsort / Proceso de Fusión Heat treatment / Wärmebehundlung / Tratamiento tármico 1050C 4H/Std WATER/WASSER/AGUA E.A.F. / A.O.D. Solution annealed/Abgeschreckt/Hipertemple-Turned/Drehen/Tornsade-Pollshet/Pollert/Pulldo-Tost results - Ergebnis der Prüfungen - Resultades de las ensayes Rp0,2% Rp 1% Ωm Dimension of Specimen Z Hardness Impoct lest / Kersbachlag / Rosiliancia Abincacumaen des Processobos KSL KSI KSI %L SD %L 4D Hârte ISOV 11. Ib Medida de las probetas HBW រោភ 25 70 40 50 RD. 12,50 mm. Mes. Temperature °C Spec Nº. Probe Nr. Pro Nº 60 96 72 197 54 51 20 C S P Ni Cu Mn S Cr Mo N Co Palier 18,00 8,00 0,030 0,045 0.030 20,00 12.00 Men 1,00 200 0.1000 0,038 0,026 0.025 0.391.57 18,00 0.26 8.05 0,41 0,0850 0,14 Rad-oaclivity inspection Radioaktivitatakontrollo O.K Antimiding test Spektreck Verwechslungsp: (), K Visual and dimensional Inspection Grain Sizo Besichtingung und Ausmessung ().]
Control y sual y climensional Komprosco Tamaño de grano Control de Radioactividad Ani mozda Romarks - Bomerkungon - Observaciones EDV / EDP Free From Mercury contamination/Quecksilberfreiheit. Acc. EN 10.204 No weld repair. IC test acc./IK prüfung nach ASTM A 262 E.15. OK Murian Tejedo Quality Mng. Works lespector Der Werkssachverständige Inspector de fibrica

MATERIAL RECEIPT INSPECTION FORM

MATERIAL CERT REC'D: QUANTITY RECEIVED: QUANTITY INSPECTED: QUANTITY REJECTED: NCR (Check Y/N) SURFACE DAMAGE CORRECT FINISH CORRECT GRAIN DIRECTION CORRECT GRAIN DIRECTION CORRECT HICKNESS PHOTO REQUIRED CORRECT MATERIAL DENTFICATION CORRECT MATERIAL REQUIRE ENGINEERING SIGN OFF Y THICKNESS ORDERED: THICKNESS ORDERED: THICKNESS ORDERED: THICKNESS COMMENTS COMMENTS COMMENTS COMMENTS COMMENTS A311 COMMENTS THICKNESS ORDERED: THICKNESS RECEIVED: SHEET SIZE RECEIVED: SHEET SIZE RECEIVED: N COMMENTS A311 COMMENTS ON A57m A311 CORRECT MATERIAL DENTFICATION N CORRECT MATERIAL IDENTFICATION N CORRECT MATERIAL REQUIRE ENGINEERING SIGN OFF Y N THICKNESS ORDERED: THICKNESS ORDERED: AHEACT SIZE ORDERED: THICKNESS ORDERED: AHEACT SIZE ORDERED: THICKNESS ORDERED: AHEACT SIZE ORDERED: THICKNESS ORDERED: AHEACT SIZE ORDERED: THICKNESS ORDERED: AHEACT SIZE ORDERED: THICKNESS ORDERED: AHEACT SIZE ORDERED: THICKNESS ORDERED: AHEACT SIZE ORDERED: THICKNESS ORDERED: THICKNESS ORDERED: AHEACT SIZE ORDERED: SHEET SIZE ORDERED: AND AD A STAN AS A STAN	N/A
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CORRECT MATERIAL PER M-DRAWING (Y) N A57m A311 CORRECT THICKNESS (Y) N PHOTO REQUIRED Y (V) CORRECT REF # TO LINK CERT (Y) N HONTH STOCKNESS CORRECT MATERIAL IDENTFICATION (V) N CORRECT M# ON THE MATERIAL (Y) N	
CORRECT MATERIAL PER M-DRAWING (Y) N A57m A311 CORRECT THICKNESS (Y) N PHOTO REQUIRED Y (V) CORRECT REF # TO LINK CERT (Y) N HONTH STOCKNESS CORRECT MATERIAL IDENTFICATION (V) N CORRECT M# ON THE MATERIAL (Y) N	
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CORRECT MATERIAL IDENTFICATION (2) N CORRECT M# ON THE MATERIAL (7) N	
CORRECT M# ON THE MATERIAL (7) N	
DOES THIS MATERIAL REQUIRE	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF Y	
ENGINEERING SIGN OFF LY I/ N A	
DOES THIS REQUIRE AN EXTRUSION REPORT Y N	
EXTRIBUTION TELEVISION	
CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHE	ECK.
RECORD RESULTS BELOW	
HRC HRB DUR A DUF	RD WEBSTER
TYPE OF MATERIAL	
SIZE OF TEST SAMPLE	
HARDNESS / DUROMETER READING	
testers located in the Quality Office	

OC 18 INSPECTION ENGINEERING SIGNOFF (if required)

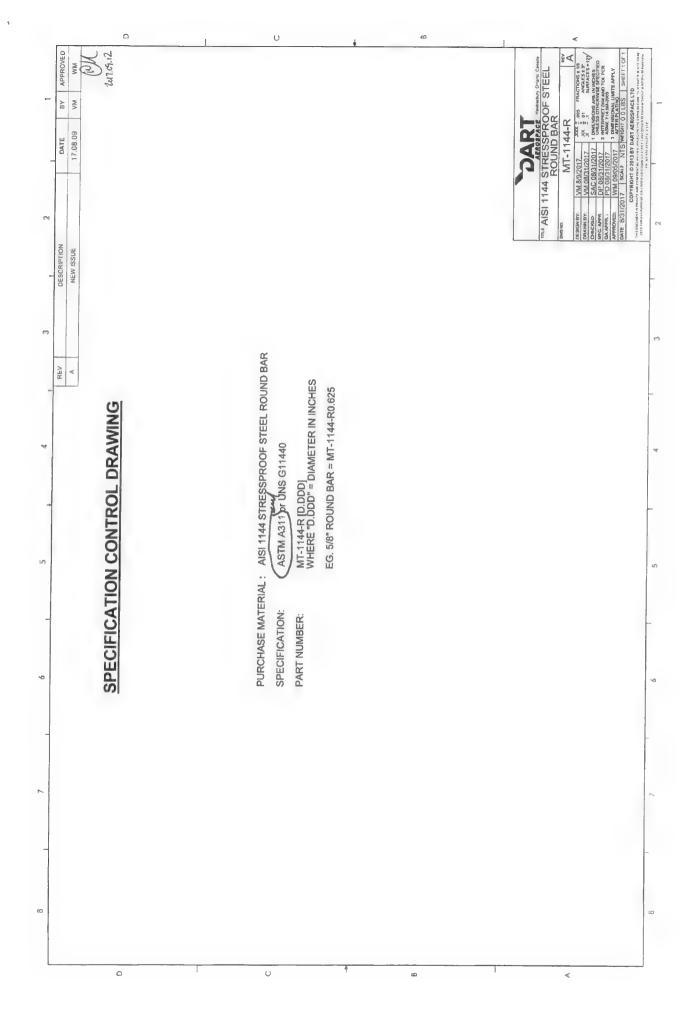
INSPECTED BY:

SIGNED OFF BY:

DATE:

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

DATE:



No. de comman	ide / order #	CLIENT / CUSTOMER	No.	d'expédition/packing slip #	DATE
AC00011455		ACIER OUELLETTE	INC L2	9869-01	22-Nov-17
NO. DU MATÉRIEL		4 Stressproof	TRAITEMENT THERMIQUE / HEAT TRE		590135 L
FORME / EHAPE Round / Rond		1.750" in.		TM A108-0, A311 Cla	ess B
PAYS D'ORI	GINE:	U.S.A.	UE / CHEMICAL COMPOSIT	TION	
	Carbon (Manganese (Mi		(P)
actuel (%)	0.440	0.190	1.420	0.010	
	Sulfur (S	Chromium	(Cr) Nickel (Ni)	Molybdenur	n (Mo)
actuel (%)	0.270	0.050	0.070	0.020	<
	Copper ((Cu) Vanadium ((V) Lead (Pb)	Nitrogen (N	. 1
actuel (%)	0.200	0.004	0.001	•	

	PROPRIÉTÉS MÉCANIQUES / MECHANICAL PROPERTIES									
Yield Strength /	Elasticité	Résistance à la t	raction /Tensile	Alongement / Elongation (%)	Réduction surface / ratio	Surface HD/dureté				
121,300	PSI	133,300	PSI	9.0%	23.0	244 BHN				

Aucune réparation exécutée par soudure durant la fabrication de ce produit. Par la présente nous attestons que les résultats ci-haut mentionnés ont été vérifiés et sont conformes aux spécifications.

No weld repairs performed during the manufacturing of this product. We hereby certify that the above results have been verified and conform to the above mentionned specifications.

Keith BALL

MATERIAL RECEIPT INSPECTION FORM

MATERIAL CERT REC'D: QUANTITY RECEIVED: QUANTITY INSPECTED: QUANTITY REJECTED: DESCRIPTION NCR (Check Y/N) SHEET SIZE RECEIVED: YK / 2 SHEET SIZE RECEIVED: YK / 2 SHEET SIZE RECEIVED: YK / 2 DESCRIPTION NCR (Check Y/N) SURFACE DAMAGE CORRECT FINISH CORRECT GRAIN DIRECTION CORRECT GRAIN DIRECTION CORRECT HICKNESS PHOTO REQUIRED CORRECT REF # TO LINK CERT CORRECT MATERIAL DENTFICATION CORRECT MATERIAL DENTFICATION CORRECT MATERIAL DENTFICATION CORRECT MATERIAL DENTFICATION N CORRECT MATERIAL REQUIRE ENGINEERING SIGN OFF DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW	MATERIAL: M606 DATE: DI	1160 EC 09			PO / BATCH	NO.: <u>038</u>	419/5018
QUANTITY RECEIVED: 144 SHEET SIZE ORDERED: 4x12 QUANTITY REJECTED: SHEET SIZE ORDERED: 4x12 QUANTITY REJECTED: SHEET SIZE RECEIVED: 4x12 SHET SIZE RECEIVED: 4x12 SHEET SIZE RECEIVED: 4x12 SHET SIZE RECEIVED: 4x12 SHEET SIZE RECEIVE	MATERIAL CERT REC'D:	5		THIC	KNESS ORDE	RED: O.S	72
QUANTITY INSPECTED: QUANTITY REJECTED: NCR (Check Y/N) SURFACE DAMAGE CORRECT FINISH CORRECT GRAIN DIRECTION CORRECT MATERIAL PER M-DRAWING CORRECT THICKNESS PHOTO REQUIRED CORRECT MATERIAL IDENTFICATION CORRECT MATERIAL IDENTFICATION CORRECT MATERIAL DENTFICATION CORRECT MATERIAL IDENTFICATION CORRECT MATERIAL IDENTFICATION CORRECT MATERIAL REQUIRE ENGINEERING SIGN OFF DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF TORRECT MATERIAL AND PREFORM A HARDNESS CHECK.		A=					
OUANTITY REJECTED: SHEET SIZE RECEIVED: 4/K/2		92					
DESCRIPTION ORRECT FINISH CORRECT FINISH CORRECT GRAIN DIRECTION CORRECT MATERIAL PER M-DRAWING CORRECT THICKNESS PHOTO REQUIRED CORRECT MATERIAL IDENTFICATION CORRECT MATERIAL REQUIRE ENGINEERING SIGN OFF DOES THIS REQUIRE AN EXTRUSION REPORT CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK.							
DESCRIPTION (Check Y/N) SURFACE DAMAGE CORRECT FINISH CORROSION CORRECT GRAIN DIRECTION CORRECT MATERIAL PER M-DRAWING CORRECT THICKNESS PHOTO REQUIRED CORRECT MATERIAL IDENTFICATION CORRECT MATERIAL IDENTFICATION CORRECT M# ON THE MATERIAL DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF DOES THIS REQUIRE AN EXTRUSION REPORT CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK.	QUANTITY REJECTED:			SHEE	ET SIZE RECEI	VED: <u>*/ K. /</u>	
SURFACE DAMAGE Y/N) SURFACE DAMAGE CORRECT FINISH CORROSION CORRECT GRAIN DIRECTION CORRECT MATERIAL PER M-DRAWING CORRECT THICKNESS PHOTO REQUIRED CORRECT RATE # TO LINK CERT CORRECT MATERIAL IDENTFICATION CORRECT MATERIAL IDENTFICATION CORRECT M# ON THE MATERIAL DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF Y DOES THIS REQUIRE AN EXTRUSION REPORT CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK.					COMMENT	FC	
CORRECT FINISH CORROSION CORRECT GRAIN DIRECTION CORRECT MATERIAL PER M-DRAWING CORRECT THICKNESS PHOTO REQUIRED CORRECT REF # TO LINK CERT CORRECT MATERIAL IDENTFICATION CORRECT M# ON THE MATERIAL DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF TODOES THIS REQUIRE AN EXTRUSION REPORT CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK.	DESCRIPTION				COMMEN	15	
CORROSION CORRECT GRAIN DIRECTION CORRECT MATERIAL PER M-DRAWING CORRECT THICKNESS PHOTO REQUIRED CORRECT MATERIAL IDENTFICATION CORRECT MATERIAL IDENTFICATION CORRECT M# ON THE MATERIAL DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF DOES THIS REQUIRE AN EXTRUSION REPORT CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK.	SURFACE DAMAGE	YN					
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CORRECT MATERIAL PER M-DRAWING CORRECT THICKNESS PHOTO REQUIRED CORRECT REF # TO LINK CERT CORRECT MATERIAL IDENTFICATION (V) N CORRECT M# ON THE MATERIAL DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF POES THIS REQUIRE AN EXTRUSION REPORT CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK.							
CORRECT THICKNESS PHOTO REQUIRED CORRECT REF # TO LINK CERT CORRECT MATERIAL IDENTFICATION (Y) N CORRECT M# ON THE MATERIAL DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF TO DOES THIS REQUIRE AN EXTRUSION REPORT CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK.							
PHOTO REQUIRED CORRECT REF # TO LINK CERT CORRECT MATERIAL IDENTFICATION (Y) N CORRECT M# ON THE MATERIAL DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF DOES THIS REQUIRE AN EXTRUSION REPORT CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK.			QQ-A-	250/1)		
CORRECT REF # TO LINK CERT CORRECT MATERIAL IDENTFICATION (Y) N CORRECT M# ON THE MATERIAL DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF DOES THIS REQUIRE AN EXTRUSION REPORT CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK.	CORRECT THICKNESS						
CORRECT MATERIAL IDENTFICATION (Y) N CORRECT M# ON THE MATERIAL (Y) N DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF DOES THIS REQUIRE AN EXTRUSION REPORT CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK.		$\overline{}$					
CORRECT M# ON THE MATERIAL DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF DOES THIS REQUIRE AN EXTRUSION REPORT CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK.		4.	Heat #	425-91	/		
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF DOES THIS REQUIRE AN EXTRUSION REPORT Y N CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK.							
DOES THIS REQUIRE AN EXTRUSION REPORT Y N CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK.	CORRECT M# ON THE MATERIAL (Y) N					
DOES THIS REQUIRE AN EXTRUSION REPORT Y N CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK.		~0					
CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK.	ENGINEERING SIGN OFF	Y (N)					
CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK.		10					
	EXTRUSION REPORT	A T(N)					
	CUT SAMPLE PIECE (OF MA	TERIAL AND	PREFORI	M A HARDNE	SS CHECK.	
HECOAD HEOULIS DELOW	COLUMN TO THE OWN						
HRC HRB DUR A DUR D WEBSTER						DUR D	WEBSTER
TYPE OF MATERIAL	TYPE OF MATERIAL						
SIZE OF TEST SAMPLE	SIZE OF TEST SAMPLE						
HARDNESS / DUROMETER READING	HARDNESS / DUROMETER READING	3					

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

ENGINEERING SIGNOFF (if required)

SIGNED OFF BY:

DATE:

DEC 0 9 2017

QC 18 INSPECTION

INSPECTED BY:

DATE:

RELEASED 2009 -09- 10

SPECIFICATION CONTROL DRAWING

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PURCHASE MATERIAL: 6061-16/T62 ANJMINUM SHEET SPECIFICATION: 80.0-4-250/1/OR AMS-QQ-A-250/11 OR AMS-4027 OR ASTM B209

Ω

PART NUMBER.

M606176S XXX

OUT TO THE THICKNES

WHERE ".XXX" = SHEET THICKNESS (IN INCHES) EG. 0.063" THICK SHEET = M6061T6S 063

IZE: XXX BY 4FT BY 8FT

PREFERRED SIZE: XXX E

O

00

CERTIFIED INSPECTION REPORT

Alcoa Inc. DAVENPOR

DAVENPORT WORKS 4879 State Street Bettendorf, IA 52722

DPE-35710-01-1 RIVERDALE, IA. SAMUEL SON & CO LT G041015418R19 Alcoa Item Alcoa No. Item 1000835710-1 Ship From: Invoice No. Customer 00000 2016-10-13 11076276 B.L. No. P.O. No./Govt Contract No. C72949 Ln#: 1 3046314 Ship Date We namely cartify that in a mater at convertiby this certificate has been inspected with, and has been found to meet the espicable requirements described therein, including any specifications (orming a part of the description and that samples representely the material in the stand of the composition families and the mechanical properties shawn on the face of this sheet. The Itsal report shall not be reproduced except in Nat without be written approval of the Gualdy Department. He alteration addition or other shangs is authorized to be made to this confidable. The recording of lattle, fractions, or otherwise fraunciant shallments or enthies on the confidable by any recipient may be purished as a febring under applicable law. Per.

Rold Wooded

Precior of Manufacturing Davengori Wens

Tenanza Thom Outuny Assurance Manager

Page 2 of 2

- Mechanical, Physical, Metallograpy, Quantometer Results (cont.) -----Lot: 425911

47.8 39.4 13.2 47.9 39.7 13.1 47.9 39.7 13.1 47.8 39.6 13. 47.7 39.5 13.1 47.8 39.6 12.9 48 39.6 12.9

MN MG CR ZN TI Other Each Other Total 0.05 0.9 0.16 0.05 0.03 < 0.05 < 0.15 Chemical - OES SI FE CU Actuals 0.63 0.4 0.23 Cast Number H9807074

This material was melted in the United States or a Qualifying Country (REF DFARS 225.872.1(a)); it was manufactured in the United States

246 20GV.

CERTIFIED INSPECTION REPORT

Alcoa Inc.

We herrey centry that the malonal covered by this centicate has been impocted with, and has been found to made the applicable requirements described therein including any specification forming a part of the described the malonal that tamples representate of the material mat the composition for its and characteristics of the material mat the composition for its and and characteristics of the material mat the composition for its and and the mediance in properties shown on the face of this should

This lest report shall not be reproduced except in lid, without the written approval of the Quality Department. No attention, addition or other change is expricted to be made to this centrales. The recording of takes, if takious, or otherwas fraueutom stallerments or others on this centrale by any respect may be purished as a federy under applicable law.
Per-

Rold Woodell

Rob Woods!
Detector of Manufacturing Deventor Works

Terrence Thom Outsity Assumpton Wange

of 2 Page 1 Item Mescription

0.032 IN TK (+0.0000 -.0025) X 48.0 IN W (+.125 .125) X 144.0 IN LW (+.15625 -.15625) CAT X G041015418R (N) A/T 6061.125) X 144.0 IN LW (+.15625 -.15625) CAT X G041015418R (N) A/T 6061TT FLAT SHEET FOR DISTRIBUTORS.
TOLERANCE GUARANTEED. AMS4027 REV N ANSIH35.2 REV 2013 EXC_NRK ASME-SB-((MARKED)) KRĀFT PAPER INTERLEAVED
MAX GROSS SKID WGT: 4750 LB QUAN TOL +/40 % CQR D126859 REV 44 CUST REQ 16-0824 *** W/E 16-08-27 *** 209 REV 15 EXC MRK ASTMB209 REV 14

3878 Lot 0592586 -425911 Package Ticket 295127 NUM

Inspector Clock Numbers Dd Quantity Weight

191

27338 47474

ORIGINAL REVISIO N DATED AMS-00-A-250_11 Notes for CQR: D126859.44
PRODUCT PRODUCED TO THE REQUIREMENTS OF AMS4027 REV N ALSO MEET THE REQUIREMENTS OF 1997-08-01.

CQR: D126859.44 -Specification Limits -----

PCT 10 35.0 KSI Max Min 42.0 XSI Tmpr Dir T6 Long Transv.

Total Aluminum REMAIN Other Other Quantometer Results ---tion SI FE CU MN MG CR ZN TI Each Max 0.8 0.7 0.40 0.15 1.2 0.35 0.25 0.15 0.05 Min 0.40 0.15 0.8 0.04 Mchanical, Physical, Metallography, Quantometer Results Chemical Composition Lot: 425911 Alloy 6063

TYS XSI 39.7 UTS KSI 47.9 No-> Test Long Transv. Dir

Tmpr T6

DAVENPORT WORKS 4879 State Street Bettendorf, IA 52722

RIVERDALE, IA Ship From:

DPE-35710-01-1 Alcoa Item Alcon No. Item 1000835710-1 Invoice No. Customer 00000 2016-10-13 11076376 P.O. No./Govt Contract No.

SAMUEL SON & CO LT G041015418R19

C72949 Ln#: 1

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M606					PO / BATCH	NO.: <u>038</u>	419/50180
MATERIAL CERT REC'D: QUANTITY RECEIVED: QUANTITY INSPECTED: QUANTITY REJECTED:	100	5		THIC	CKNESS ORDEI CKNESS RECEI ET SIZE ORDEI ET SIZE RECEI	VED: .06	12
DESCRIPTION	(Ch	CR eck		<u> </u>	COMMENT	rs	
SURFACE DAMAGE	Y	N					
CORRECT FINISH	(Y)	N					
CORROSION	Y						
CORRECT GRAIN DIRECTION	0	N		A			
CORRECT MATERIAL PER M-DRAWING	(8)	N	Ams-Q	Q-4-0	50/11		
CORRECT THICKNESS	(Y)	N					
PHOTO REQUIRED	Y.	W					
CORRECT REF # TO LINK CERT	(Y)	N	Heat #	615098	3001		
CORRECT MATERIAL IDENTFICATION	(A)	N					
CORRECT M# ON THE MATERIAL	(4)	N					
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Υ	B					
DOES THIS REQUIRE AN EXTRUSION REPORT	Υ	3					
CUT SAMPLE PIEC						SS CHECK.	
	F		ORD RESUL	TS BELOV			Lucation
			HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL							-
SIZE OF TEST SAMPLE							
HARDNESS / DUROMETER READI	NG					<u></u>	
	te	sters	located in the	Quality Office	<u>ce</u>		

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)
INSPECTED BY:	15	SIGNED OFF BY:
DATE:	DEC 0 9 2017 / 12/11	DATE:

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

DELEASED 2009 -09- 10

REV. B SHEET 1 OF 1 SCALE NTS 09 07 13 01 06 08 DART AEROSPACE LTD

HAWKESBURY, ONTARIO, CANADA

DRAWING NO

M6061T6S

SHEE DS BY G C 6061-T6 SHEET SPEC REFORMAT DWG, ADD B209 SPEC (ZN D8-1), REF PAR 08-020A, NEW ISSUE DE APPR.

DATE 09.07.13 MFG. APPR. CHECKED DESIGN REV

PURCHASE MATERIAL: 6061-T6/T62 ALUMINUM SHEET SPECIFICATION:

O

OQ-A-250/11 OF AMS-GQ-A-250/1 OR AMS 4025 OR AMS 4027 OR ASTM B209

M6061T6S.XXX

PART NUMBER:

WHERE ".XXX" = SHEET THICKNESS (IN INCHES)

EG. 0.063" THICK SHEET = M6061T6S.063

XXX BY 4FT BY 8FT PREFERRED SIZE:

(10)

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SPECIFICATION CONTROL DRAWING

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M600		65			PO / BATCH	NO.: <u>038</u>	419/50180
MATERIAL CERT REC'D: QUANTITY RECEIVED: QUANTITY INSPECTED: QUANTITY REJECTED:	25	2		THIC	CKNESS ORDE CKNESS RECEI ET SIZE ORDE ET SIZE RECEI	VED: <u>.04</u> RED: <u>4</u> x	12
DESCRIPTION	(Ch	CR eck			COMMEN	тs	
SURFACE DAMAGE	Y	(N)					
CORRECT FINISH	0	N					
CORROSION	Y	N					
CORRECT GRAIN DIRECTION	Q	N					
CORRECT MATERIAL PER M-DRAWING	V	N	Am5-1	DQ-A-	250/11		
CORRECT THICKNESS	0	N					
PHOTO REQUIRED	Υ						
CORRECT REF # TO LINK CERT	(1)	N	Heat &	£ 63212	101		
CORRECT MATERIAL IDENTFICATION	(4)	N	' '				
CORRECT M# ON THE MATERIAL	(4)	N					
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Υ	M)					
DOES THIS REQUIRE AN EXTRUSION REPORT	Υ	(Z)					
CUT SAMPLE PIECE						SS CHECK.	
	F	REC	ORD RESU	JLTS BELOV			
			HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL							
SIZE OF TEST SAMPLE							
HARDNESS / DUROMETER READII	VG						

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)
INSPECTED BY:	M	SIGNED OFF BY:
DATE:	DEC 0 9 2017	DATE:

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

RELEASED 2009 -09- 10

SHEET 1 OF 1 REV. B CP 09 07.13 01.06.08 DATE DESCRIPTION BY D COPYRIGHT © 2001 BY DART AFROSPACE LTD DRAWING NO M6061T6S SHE DS 6061-T6 SHEET SPEC REFORMAT DWG, ADD 8209 SPEC (ZN D8-1), REF PAR 08-020A DE APPR. J TAN DATE 09.07.13 NEW ISSUE DESIGN DRAWN CHECKED MFG. APPR. REV

SPECIFICATION CONTROL DRAWING

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O

PURCHASE MATERIAL 6061-76/762 ALMMINUM SHEET SPECIFICATION: 00.4-250/11 OR AMS-QQ-A-250/11 OR AMS-4027 OR ASTM B209

WHERE ".XXX" = SHEET THICKNESS (IN INCHES) M6061T6S_XXX

EG. 0.063" THICK SHEET = M6061T6S 063

XXX BY 4FT BY 8FT PREFERRED SIZE:

8

80

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PART NUMBER;

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																			ing Nank	The following blank
J9.D	415	13.5	8	0.03	9,2,6	21.2	8 2	266	1.63	0.25	remainder	18	1309	4.698	541 0.061	Sul	84.2900	\$ 61214-009-1 100528-015-19	1005260579	291602200117
																		Tal .		
35.0 min	42.0min		£.04-0.35	0.15max 8.04-0.35 10mm.	0.25000	0.15max	0.7max	9.40-0.8	08-12	0.15-0.40	remainder 0.15-0.40 0.8-1.2 0.40-0.8 0.7max 0.15max 0.25max	9I.	1969				0.129-0249	3.277-6.325 0.129-0.249	Standard	Standard
35.0mi	42:0min	100000	2.04-0.35	max 0.15max 0.04-0.35	0.25max	0.15max	0.7max	9.40-0.8	0.8-1.2	015-040	remainder 0.15-0.40 0.9-1.2 0.40-0.8 0.7max 0.15max 0.25i	36	1909				0.065-0.128	8CT-0-5900 15T-6-1591	Standard	Standard
35.0pgin	42.0min	I@min		0.15max 8.84-0.36	Trempe 0	32500X	0.7max	0.40-0.8	0.8-1.2	0.15-0.48	mainder 0.15-0.40 0.8-1.2 0.40-0.8 0.7max 0.15max 0.25max	18	1909	1			0.937-0.064	0.940-1.626 0.937-0.064	Standard	Standard
Yield	SIG		Ω	ㅂ	22	M	Fe	S	Me	Cu	A	Alloy Temper . Al	Alloy	Weight	Act Thick (both)	Act Thick (mm)	Dimension (inch)	Dimension (wm)	HEAT Nomber	UNIQUE Lot Number
216	DATE February 20,2018	eb	DATE		IN COIL	PRODUCT TYPE PRIME ALUMINUM	PRODUC PRIME			24,USA	EE NJ070	FORT	TOOR.	E,2ND F	UNEIV	000	ADDRESS 2115 LINWOOD AVENUE,2ND FLOOR,FORT LEE,NI07024,USA		CUSTOMER EMPIRE RESOURCES, INC.	CUSTOMER EMPIRE RES
	. 0	on mille it					nina	0031,0	ngoi,53	ing,Gua	No.55 TingHong Road Nanning, Guangai, 530031, China	Hong R	5 Tingl	No.5						
	ن						CATE	RTIFIC	INC.	MUNICA	MILL TEST/QUALITY CONTROL CERTIFICATE ALNAN ALUMINIUM INC.	ALINA ALINA	TEST	T.	lant					

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ORIGIN OF GOODS AS ÁLNAN ALUMINIUM INC.

COUNTRY OF MELT AND MANUFACTURE-CHINA

Issued by QA73

Reviewed by

广西南镇铝加工有限公司 ALNAN ALUMINIUM INC.

MATERIAL CONFORMS FOR ALLOY 6061, T6, AS PER ASTM B209-11 AMS QQA 25011) AMS 4027 AND ALUMINUM ASSOCIATION STANDARDS-2009 IN ALL ASPECTS.

ACTUAL WILL CHEMICAL AND MECHANICAL PROPERTY TEST REPORTS IN IMPERIAL NOMENCLATURE REQUIRED PER SKID

CO.63121 DART



Abnahmeprüfzeugnis 3.1 (EN 10204) Inspection certificate - mill certificate Nr.: 89050631

01/1

PONTE

Rev.: 0

Seite / page:

1 von / of 2 2017 05 18

Zertifiziert nach / contifed to ISO 9001, ISO/TS 16949, ENVAS 8100, ISO 14001, NADCAP

Datum / date:

Bestell Nr. / order no.: Datum / date:	C 73968 2017 01 27
Auftragsbest. Nr. / order confirm no.: Datum / date:	125470 2017 01 30
Lieferschein Nr. / delivery note: Datum / date:	89050631 2017 06 30

Produkt / product

Form / form: Sheet

Werkstoff / material: 6061 /

Zusland / temper_T6

Dlm. / dim.: {ingh}: 0,040x48,00x144,00 /

Bedingungen / terms

Jechnische Lieferbedingungen / techn. spec :

AMS-QQ-A-250/17, 08.1997 ASTM 8 209 - 14

AMS 4027N, 07,2008

Cessna CMMP019, Rev. D, 09-07-01 Cessna CMMP025, Rev. V, 2-20-15

Sondervorschrift / special terms:

17/12

11

ı		
٨	2862	21
Ш	186 d.	22.
Ţ	0414	101
N	2862	3/2

AB-Pos.	BNr/Los Lot/New	Tellios Part	Guss Nr. cast no.	Werkstoff material	Kollo packho:	Gewicht netto weight net	Sik. pcs.
03 (63212/01	00	01/0082345/7	6061	1254700013	2339,065 lbs	87
03	63212/01	00	01/0082345/7	6061	1254700014	2343,474 lbs	87

Guss Nr / past no.	material								i		
01/0082345/7	6061	Si	1 a	Cu	Mn	Ма	Gr.	2n	71	Others Each	Total
	spec. min.	0,40		0,15	-	0,80	0.04		1-	-	
	врос. тах,	0.80	0,70	0,40	0,15	1,20	0,35	0.25	0,15	0.05	0,15
	actual	0,67	0,43	0,24	0,13	0,85	0,17	0,05	0,03	0,02	0,03

BNrlLos	Zustand	Richtung	Tests		UTS	YS	A2™	!	
LouNo.	tempor	direction			[ksi]	[ksl]	[%]		
				spec.min.	42,0	35,0	10	1	
				spec.max.	-	-	-		
63212/01	T6	LT	5	from	49,2	43,2	13		
63212/01	T6	LT		lo	49,5	43,4	13		

Sonstige Prinungen / other tests

Biegeversuch; OK. / Transverse bend test: OK. Maßkontrotte: OK. / Dimensional Check: OK.

Oberfläche: OK. / Surface inspection: OK.



50

Abnahmeprüfzeugnis 3.1 (EN 10204) Inspection certificate - mill certificate

Nr.: 89050631

01/1

Rev.: 0

Seite / page:

2 von / of 2

Zertabler much / certains in ISO 5001, ISO/TS 18340, ENIAS \$100, ISO 14001, NADCAP

Datum / date:

2017 05 18

Bemerkungen / notes

Die Dimensionstoleranzen entsprechen ANSI XXX / As standard, dimensional tolerances are to ANSI XXX

Ausgestellt nach Airbus Zulassung Nr. 30272.

Wir bestätigen, dass die gesamte Lieferung unter Einhaltung und soweit oben nicht anders dargelegt aller Forderungen (Spezifikationen, Zelchnungen, Aufträge) hergestellt und geprüft wurde.

Das Qualitätsmanagementsystem erfüllt die Anforderungen der AUK/SA/001-3.

Hergestellt, kontrolliert und geprüft nach Hawker Beechcraft HBIFSAS/PART3/0771

Agusta Westland Genehmigung Lieferantennummer V21275 Issued under Airbus Approval No. 30272.

Certified that the whole of the supplies detailed hereon have been manufactured, inspected, tested and unless otherwise stated above conform in all respects to the Specifications, Drawings and Contract.

Order relevant thereto The Quality Managment System arrangements in respect of these supplies comply with the requirements of AUK/SA/001-3.

Manufactured, Inspected and tested according Hawker Beechcraft HBIFSAS/PART3/0771

Agusta Westland approval supplier code V21275

Es wird bestätigt, dass die Lieferung geprüft wurde und den Vereinbarungen bei der Bestellung entspricht. We hereby certify that the material described above has been tested and complies with the terms of the order contract.

Werksachverständiger / factory specialist Klampfer Josef osef.klampfer@amag.at

Horstellerland: Österroich / goods engin: The goods are of Austrian engin. Maschinell erstellt - Gültig ohne Unterschrift / Automated - valid without buing signed.

AMAG rolling erksnachverständig ROL-Nr. 015

							,
MATERIAL: M606	1+	65-	125		PO / BATCH	NO::0389	119/50/80
				-			
DATE:	C 0	9 20	117	-			
MATERIAL CERT RECIP.				TUIV	CKNESS ORDE	DED: 1/	75
MATERIAL CERT REC'D:	7						16-
QUANTITY RECEIVED: 144	7			-	CKNESS RECEI		. 9
QUANTITY INSPECTED: 1441	2			SHE	ET SIZE ORDE	RED: 7x	12
QUANTITY REJECTED:				SHE	ET SIZE RECEI	VED: 4x	12
				-			
	N	CR					
DESCRIPTION	(Ch	eck			COMMEN'	TS	
	Y/	(N)_					
SURFACE DAMAGE	Y						
CORRECT FINISH	(7)	N					
CORROSION	Y	(1)					
CORRECT GRAIN DIRECTION	(1)	N					
CORRECT MATERIAL PER M-DRAWING	(2)	N	QQ	4-250/1			
CORRECT THICKNESS	(8)	N					
PHOTO REQUIRED	Y	(1)					
CORRECT REF # TO LINK CERT	0	N	Heat	# 61709	70		
ORRECT MATERIAL IDENTFICATION	0	N					
CORRECT M# ON THE MATERIAL	8	N					
DOES THIS MATERIAL REQUIRE		0					
ENGINEERING SIGN OFF	Υ	(V)					
DOES THIS REQUIRE AN EXTRUSION REPORT	Υ	N)					
EXTRUSION REPORT	Ť						
CUT SAMPLE PIECE	= OF	ΜΔ	TERIAL A	ND PREFOR	M A HARDNE	SS CHECK.	
OOT OAWITEETTEO				ULTS BELOV		00 01.120111	
			HRC	HRB	DURA	DUR D	WEBSTER
YPE OF MATERIAL				71115	20		
IZE OF TEST SAMPLE							
ARDNESS / DUROMETER READII	NG						
		sters	located in	the Quality Office	ce		

QC 18 INSPECTION			ENGINEERING SIGNOFF (if required)
INSPECTED BY:	M	1 3	SIGNED OFF BY:
DATE:	DEC 0 9 2017/	1/1/5	DATE:

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

RELEASED 2009 - 10 TO 10

SHEET 1 OF 1 REV. B 09 07 13 01 06 08 DATE DART AEROSPACE LTD COPYRIGHT @ 2001 BY DARY AEROSPACE LTD DRAWING NO. WHOOFT ON TARIO, CANADA MOOG 1765 CP DS 6061-T6 SHEET SPEC REFORMAT DWG, ADD B209 SPEC (ZN D8-1), REF PAR 08 020A DESCRIPTION DATE 09.07.13 REV
DESIGN
DRAWN
CHECKED
MFG. APPR
APPROVED

PURCHASE MATERIAL 6061-16/T62 ALUMINUM SHEET
SPECIFICATION: QQA-256/11
OR AMS 4025 OR AMS 4027
OR ASTM B209

O

PART NUMBER:

M6061T6S XXX

WHERE ".XXX" = SHEET THICKNESS (IN INCHES)

EG. 0.063" THICK SHEET = M6061T6S 063

XXX BY 4FT BY 8FT PREFERRED SIZE:

(9)

U

ω

0

SPECIFICATION CONTROL DRAWING

MILL TEST/QUALITY CONTROL CERTIFICATE

ALNAN ALLIMINIUM INC.

No.55 TingHong Road Naming,Guangxi,S30031,China

PRODUCT TYPE

2115 LINWCOD AVENUE 2ND FLOOR FORT LEE NJ 67024 . USA ADDRESS ALUMINUM SHEET

BUPIRE RESOURCES, INC.

COSTONER

DATE:February 05, 2018

Lie com	تناشان	باستيدك	من مفط	A Maria			ومسقادة يشد			-
201002040106	291602040105	101010209102	Edichecopies	ALIGNACE BRICE		Standard	Standard	Shindard	Spandard	Lac Number
6150970	6150579	6150979	6150970	9120210	1	School	Standard	Standard	Standard	HEAT
3.175*1219.2*3657.6 0.125*#.0*1.44.6	3.17541219.203657.5 9.175-48.00144.0	1175°1219.2*3657.6 8.125°45.0°144.0	שוויים שיבנום שוציב בנובו פנונג	מוציים שיבים פוציים מוציים מוביות		0.533-	805.045.20	0.203-0.229	MEE'N	Olopension (n.w)
2)25-450-1440	0751-031-521TB	OH-ON-SCIE	מוזיים מושיים ואנו	OFF LAST SET D		6421-6249	0200-0100	0.003-0.009	0.986-0.007	Diracusion (inch)
MILE	2.100	3100	3,100	BOTE	7					Aca Taick: (mm)
2.722	EII &	8	2 2	57.3						Take:
1738	ROSTI	1.234	1752	1.355						Weight
1909	1909	5062	6903	1909	1	1909	1909	1900	1980	veine
76	776	72	76	되)	76	16	76	12	Alloy Temper
reminder	ryboicear	remaloder	remainder	remaisder		04.9-5178 trapes com	01.0-51.8 Daggerra	remainder 0.15-0.40	Acaminder 0.15-0.40	2
2	G	9.29	92	823		0+0-5C-0	Or'OST'B	015-0-10	01.0-21.0	5
1.03	E	E	1.03	T.AS		51-30	0.8-1.2	0.8-1.3	0.8-1.2	Mg
200	30	0.63	161	200		0.38-0.5	2.0-0.2	2.0.0.2	28.03.8	Ŋ
120	Ę.	150	0.24	0.24		Q.7max	9.7mac	0.7mar.	2.7mm_	F)
errs	e ii	0.13	0.13	23		6.15mm. 0.25ma	0.7mar 0.15mar 0.25mar	שנושבוג	0.15mar 0.25ma	Na
0.11	0.11	0.11	0.11	11.0			0.25gao	0.25ma		25
200	0.83	0.03	EUO	0.03		O. Linear	0.15mer	x 0.15mx	0.15max 0.01-0.35	Ħ
0.26	0.26	0.26	920	926		2 0.15max 0.84-0.35	0.15mer 0.04-0.35	0.04-0.35	0.04-0.35	Ų
255	751	133	155	3.51		متوطة	منها	منحف	- AMER	30 E
47.0	17.0	17.0	47.0	27.0		4	12mia.	AZesia.	42min.	9. 53
9.00	42.6	3 de	ŧ	9.00		Simin.	35min	35min	Jómin	G. Yield

ORIGIN OF GOODS AS ALMAN ALUMINIUM INC.

ACTUAL MILL CHEMICAL AND MECHANICAL PROPERTY TEST REPORTS IN TUPERIAL NOMENCLATURE REQUIRED PER SIGD MATERIAL CONFORMS FOR ALLOY 6061, T6, AS PER ANY COA 250H1, AMS 4027, ASTM-8205-10 SB-209 AND ALLIMINUM ASSOCIATION STANDARDS IN ALL ASPECTS.

COUNTRY OF MELT AND MANUFACTURE-CHINA

Issued by QA47

Reviewed by QAIG

广西南南岛语江有联公司 ALNAN ALUMINISM INC.

PAC 14/61

No.55 TingHone Read Namino Guarrari 530031 China		OURCES, BEAT Number Standard Standard Standard	Dimension (um) 0.940-1.676 1.650-7.219	ADDRESS 21 15 LINW Dimension (wch) 0.937-0.064 0.065-0.128 0.129-0.249	Act Thick (mm)	Act Thick (fact)	No.5	Alloy 6061 6061	ALN Hong R Temper Temper T6 T6	coad Nann coad N	24,USA 24,USA 0.15-0.40 0.15-0.40 0.29	10C. INC.	0.40-0.8 0.40-0.8	PRODU PRIME PRIME PRIME 0.7max 0.7max	OLISMAN OLI	7h COIL 7h 25max 0.25max 0.25max 0.25max 0.36	0.15max. 0.15max. 0.15max.	0.04-0.35 C.	Effebria	2.0min 42.0min 42.0min	Vield kri 35.0min 35.0min 35.0min 35.0min
						In	VIII.	LESI	AUD/	MILL TEST/QUALITY CONTROL CERTIFICATE	DNIRC	OF CE	RTIFE	CATE							
Comment of the commen	AUSTOMER MPIRE RESC	OURCES.	INC.	ADDRESS 2115 LINW	000 /	UNEIV	E 2ND F	1002	FORT	EE,NJ070	24,USA			PRIME	ALUMINI ALUMINI	JW COIL		DATI		ay 20.20)18
OOD AVENUE	UNIQUE	HEAT Number	Dimension (um)		Act Thick	Act Thick (lach)	Weight	Alloy	Temper	2	C ²	M	Zi.	e sel	M.	72	벎	Q		SLA	ब्र. क्
ADDRESS SOURCES, INC. 2115 UNWOOD AVENUE 2ND FLOOR, FORT LEE JUST 224, USA PRIME ALUMINUM COIL BEAT Dimension Dimension Thick Thick MT (noch)	Standard	Standard	0.940-1.626	0.937-0.964				1909	16	remainder	0.15-0.48	0.8-1.2	0.40-0.8	0.7max	0.15max	Tempole 1	0.15max			42.0min.	35.0min
ADDRESS SOURCES , INC 2115 UNWOOD AVENUE 2ND FLOOR, FORT LEE, AJ87024, USA FRODUCT TYPE PRIME ALUMINUM COIL Dimension Dimension Dimension (iuch)	Standard	Standard	1.651-3251	0.065-0.128				1909	16	remainder	015-040	0.8-1.2	0.40-0.8	0.7max	0.15max	Temes.	0.15max			_	35.0min
ADDRESS INC. 2715 LINWOOD AVENUE 2ND FLOOR FORT LEE NJ67024, USA PRODUCT TYPE PRODUCT TYPE PRODUCT TYPE PRODUCT TYPE DATE February 20.20	Standard	- 4	3.277-6.325	0.129-0.249				1969	PL.	remainder	0.15-0.40	08-13	9.40-0.8	0.7max	0.15mac	0.25max.	0.15max	0.04-0.35	10mm.	42.0min	-5.0 min
ADDRESS INC. 2115 UNWOOD AVENUE,2ND FLOOR,FORT LEE,N197024,USA PRIME ALUMINUM COIL DATE-February 20,20																					
ADDRESS INC. 2715 LINWOOD AVENUE 2ND FLOOR FORT LEE NJ07024, USA Cu Mg Si Fe Mn Zn Ti Cr Sing U7S	101602200117	6150983001	1.600*72192		1541	0.961	1.698	1909	31.	ramainder	0.29	1.07	0.66	6.23	0.12	0.86	0.03	0.24	3.5	45	39.0
ADDRESS INC. 2715 UNWOOD AVENUE 2ND FLOOR, FORT LEE, NJ67024, USA PRODUCT TYPE PRIME ALUMINUM COIL DATE: Educary 2021	The following	ag blank																			
ADDRESS Nac. 2115 Linewood avenue 2nd floor, Fort Lee Ajg7024, USA Product type Produc																					

COUNTRY OF MELT AND MANUFACTURE:CHINA MATERIAL CONFORMS FOR ALLOY 6061, T6, AS PER ASTM B209-10, AMS QQA 25011, AMS 4027 AND ALUMINUM ASSOCIATION STANDARDS-2009 IN ALL ASRECTS. ORIGIN OF GOODS AS ÁLNAN ALUMINIUM INC.

ACTUAL MILL CHEMICAL AND MECHANICAL PROPERTY TEST REPORTS IN IMPERIAL NOMENCLATURE REQUIRED PER SKID

Issued by OA73

Reviewed by

ALNAN ALUMINIUM INC. Sm

MATERIAL:	3R DE	20 008	2017		PO / BATCH	no.: <u>038</u>	419/5018
QUANTITY RECEIVED:	125 1911			THIC	KNESS ORDEI KNESS RECEI' ET SIZE ORDEI ET SIZE RECEI'	VED: 2.0	
DESCRIPTION	(Cr	CR leck (N)			COMMENT	-S	
SURFACE DAMAGE	Y	N					
CORRECT FINISH	X	N					
CORROSION	Y	N					
CORRECT GRAIN DIRECTION	M	N					
CORRECT MATERIAL PER M-DRAWING	(Y)	N	Astm ASS	22			
CORRECT THICKNESS	M	N					
PHOTO REQUIRED	Y	N					
CORRECT REF # TO LINK CERT	(Y)	N	Heat # 62	54			
CORRECT MATERIAL IDENTFICATION		N					
CORRECT M# ON THE MATERIAL	0	N					
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Υ	1					
DOES THIS REQUIRE AN EXTRUSION REPORT	Υ	R					
CUT SAMPLE PIEC						SS CHECK.	
	F		ORD RESULTS E			51155	LIMEDOTED
			HRC HF	B	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL							
SIZE OF TEST SAMPLE							-
HARDNESS / DUROMETER READI	NG						

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

ENGINEERING SIGNOFF (if required)

DATE:

QC 18 INSPECTION

DATE:

2010 -02 - 0.2 AND

62	REFOR	REFORMAT DWG, ADD	REFORMAT DWS, ADD SPECS (ZN D8-1), REF PAR 08-020A	d _O	10.01.05
«	NEW ISSUE	SUE		DS	01.12.20
REV.			DESCRIPTION	BY	DATE
DESIGN	z	B	DAPT AEPOCPACE ITD	15	
DRAWN	Z	B	HAWKESBURY, ONTARIO, CANADA	CANAC	2 <
CHECKED	ED	-1	DRAWING NO.		REV B
MFG. APPR	PPR.	R	M303R		SHEET 1 OF 1
APPROVED	VED	John	TITLE		SCALE
DE APPR.	S.	1	303 ROUND BAR		NTS
DATE	10.0	10.01.05	COPYRIGHT @ 2001 BY DART AEROSPACE LTD Not populate to the size one parties and it can go in the rayer's manning to the size of the size o	ROSPACE.	COND. W. 1111.

SPECIFICATION CONTROL DRAWING

O

PURCHASE MATERIAL: AISI 303 SS ROUND BAR (NOTE: AISI 304/316 NOT ACCEPTABLE) SPECIFICATION: (ASTM A582)

PART NUMBER:

M303RID.DDD

WHERE "D.DDD" = DIAMETER IN INCHES EG. 0.75" ROUND BAR = M303R0.750

1

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CERTIFICATE OF TEST CERTIFICAT D'ESAIS

Page 01 of 02

Certification Date

23-NOV-2017

CUSTOMER ORDER NUMBER NUMÉRO DE COMMANDE DU CLIENT

AC00011454 PART NUMBER/NUMÉRO DE PIÈCE

508846

Invoice Number S700403

200	040						
SOLD TO: VENDU À:	DIVISIO 935, BO	N SALABERRY UL. DU HAVR	C. SHIP DE VA EXBÁR I E EYFIELD QC	ÉELD DI	BOUL.	LABERRY DE DU HAVRE	VALLEYFIE
Descrip	tion: (3	03 CF MIN B	AR ASTM A58	2			
HEAT:	5254		ITEM: 50		ine Total	: 588 LB	
AMS 564	cations: TYPE 1 38/A 388M		STM A582 M1	7	ASTM E	381 12	5
			CHEMICA	L ANALYSIS			
C 0.06	SI 0.31	MN 1.70	P 0.039		CR 17.55	MO 0.23	NI 8.08
	N 0.058						
RCPT: I	R286368			COUNTRY O	F ORIGIN	: INDIA	
			MECHANIC	CAL PROPERT	TES		
DESCRIPT	TION	YLD STR MPa 285.0	ULT TEN MPa 616.0	%ELONG IN 02 IN 56.0	%RED IN AREA 59.0	HARDNESS BHN 181	

MATERIAL IS FREE FROM MERCURY CONTAMINATION NO WELD REPAIR PERFORMED ON MATERIAL

THERMAL TREATMENT: OK

HEAT TREATMENT: MATERIAL SOL ANNEALED AT 1050 C SOAKING

FOR 2 HRS & WATER QUENCHED

MACRO: OK

The above data were transcribed from the manufacturer's Certificate of Test after verification for completeness and specification requirements of the information on the certificate. All test results remain on file subject to examination. /Les informations ci-haut-mentionnées sont transcrites du certificat d'essais du manufacturier après vérification de l'état complet des spécifications inscrites sur le certificat. We hereby certify that the material covered by this report will meet the applicable requirements described herein, including any specification forming a part of the description. Par les présentes, nous certifions que le matériel couvert par ce rapport rencontre les spécifications décrites ci-hant.

The willful recording of false, fictitious, or fraudulent statements in connection with test results may be punishable as a felony under federal statutes. /Les informations fausses, fictives ou frauduleuses en rapport avec le résultat des essais sont punissables en vertu des lois fédérales.

Material did not come in contact with mercury while in our possession/Par les présentes que certifique que le matériel couvert par ce rapport rencontre les specifications décrites es-

> MANAGER QUALITY ASSURANCE GÉRANT DE L'ASSURANCE QUALITÉ

CERTIFICATE OF TEST CERTIFICAT D'ESAIS

Page 02 of 02

Certification Date 23-NOV-2017

CUSTOMER ORDER NUMBER NUMÉRO DE COMMANDE DU CLIENT

AC00011454

Invoice Number S700403

PART NUMBER/NUMÉRO DE PIÈCE 508846

SOLD TO:

ACIER OUELLETTE INC.

ACIER OUELLETTE INC.

DIVISION SALABERRY DE VALLEYFIEL

DIVISION SALABERRY DE VALLSHIFITOLD VENDU À: 935, BOUL. DU HAVRE

EXPÉDIÉ À:

IIEM: 508846

935, BOUL. DU HAVRE

SALABERRY-DE- VALLEYFIELD

OC

J6S 5L1SALABERRY-DE- VALLEYFIE

OC J6

303 Description. 2 RD X 121

6254

CF ANN BAR ASTM A582

Line Total: 588 LB

COMMENTS

HEAT:

country of origin: india

The above data were transcribed from the manufacturer's Certificate of Test after verification for completeness and specification requirements of the information on the certificate. All test results remain on file subject to examination. /Les informations ci-haut-mentionnées sont transcrites du certificat d'essais du manufacturier après vérification de l'état complet des spécifications inscrites sur le certificat. We hereby certify that the material covered by this report will meet the applicable requirements described herein, including any specification forming a part of the description. ./Par les présentes, nous certifions que le matériel couvert par ce rapport rencontre les spécifications décrites ci-haut.

The willful recording of false, fictitious, or fraudulent statements in connection with test results may be punishable as a felony under federal statutes. /Les informations fausses, fictives ou frauduleuses en rapport avec le résultat des essais sont punissables en vertu des lois fédérales.

Material did not come in synthy with processor plate in our possession./Par les présentes, nous certations que le matériel couvert par ce rapport rencontre les spécifications décrites ci-

> MANAGER QUALITY ASSURANCE GÉRANT DE L'ASSURANCE QUALITÉ

gurna kresprais

MATERIAL: MIOU DATE:					PO / BATCH	no.: <u>038</u>	419/50180
MATERIAL CERT REC'D: QUANTITY RECEIVED: QUANTITY INSPECTED: QUANTITY REJECTED:	19° 191'	2		THICK	KNESS ORDER KNESS RECEIN T SIZE ORDER T SIZE RECEIN	VED: O.	500
DESCRIPTION	(Ch	CR eck			COMMENT	-S	
SURFACE DAMAGE		N					
CORRECT FINISH	8						
CORROSION	Y	N					
CORRECT GRAIN DIRECTION	C/A	N		-			
CORRECT MATERIAL PER M-DRAWING	(V)	N	Aston All	28			
CORRECT THICKNESS	(0)	N					
PHOTO REQUIRED	Y	M	11 1 1	11010			
CORRECT REF # TO LINK CERT	(Y)	N	Heat It 1	4043			
CORRECT MATERIAL IDENTFICATION		N					
CORRECT M# ON THE MATERIAL	M	N					
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	R					
DOES THIS REQUIRE AN EXTRUSION REPORT	Υ	(Z)					
CUT SAMPLE PIEC						SS CHECK.	
		-	ORD RESULTS	IRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL			HRC F	IND	אחטט	DOITE	***************************************
TYPE OF MATERIAL		_					
SIZE OF TEST SAMPLE	NC						
HARDNESS / DUROMETER READ			located in the Qu	-114 - 041 -			

QC 18 INSPECTION			ENGINEERING SIGNOFF (if required)
INSPECTED BY:	d	/ :	SIGNED OFF BY:
DATE:	DEC 0 8 21	117 / 11,00	DATE:

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

1 2012 -09- 21.

8	REFOR	MAT, ADD AST	REFORMAT, ADD ASTM A108, ADD TOLERANCES	CP	12.09 05
<	NEW ISSUE	SUE		SQ	01 06 12
REV			DESCRIPTION	84	DATE
DESIGN	_	DS	DART AFROSPACE ITD	CE 1	2
DRAWN	_	G	HAWKESBURY, ONTARIO, CANADA	CANAC	N N
CHECKED	ED	A.P.	DRAWING NO		REV B
MFG. APPR.	PPR.	2	M1018-R		SHEET 1 OF 1
APPROVED	VED	J.	TITLE		SCALE
DE APPR	OC.	+	1018-1025 ROUND BAR	ď	NTS
DATE	12.0	12.09.05	COPYRIGHT © 2001 BY DART AEROSPACE LTD WAS DECIMINE FROM A MAY BE SERVED AND A SIGN OF CONTROL OF THE SERVED AND A SIGN	ROSPACE	017

PURCHASE MATERIAL: AISI 1018-1025 ROUND BAR SPECIFICATION: MIL-S-7097 OR STM A108

M1018-R DDDD WHERE D.DDD = DIAMETER IN INCHES DIA.

EG. 7/8" ROUND BAR = M1018-R0 875

TOLERANCES:

PER ASTM A108 AS FOLLOWS:

TOLERANCE +0.000/-0.002 +0.000/-0.003 +0.000/-0.005 +0.000/-0.006 SIZE UP TO 1.5" INCL. OVER 1.5" TO 2.5" INCL. OVER 2.5" TO 4 0" INCL. OVER 4.0" TO 6.0" INCL. OVER 6.0" TO 8.0" INCL.

U

nc

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PART NUMBER:

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SPECIFICATION CONTROL DRAWING

267 RM-12



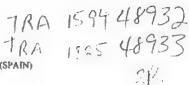
ARANA Y LUPARDO, 2

48490 UGAO-MIRAVAI JES/VIZCAYA (SPAIN)

Tino.: 946480211 Fax: 946480128

Email: calpradera@calibradospradera.es

www.calibradospradera.es



CERTIFICADO DE CALIDAD/QUALITY REPORT

De seuerdo a Made according to:

EN 10204/DIN 50049

Nº CERTIFICADO / CERTIFICATE NR., 48819 CLIENTE LES ACIFRS TRANSPEC (1997) LTÉE

ALBARAN 48819 Delivery Note No.

CUSTOMER

Norms: EN 10277

Productos Calibrados de acero. Condiciones técnicas de auministro.

Norm:

Bright steel products. Technical delivery conditions.

PRODUCTO SOLICITAIN) / PRODUCT ACCURDING ASTM A 108

Minici

Province Order	DESCRIPTION TO THE TOTAL THE TAXABLE PROPERTY OF THE PROPERTY		THE PARTY OF E	N.E.	MADINA
PAR-47851 (1018 CUA. ESTIRADO 12,70 (1/2")	880	-0,110	916617	12,70
OU 47812	LOH CUA. ESTIRADO 12,70 (1/2")	982	-0,110	916617	12,70
AQM-47672	1018 CUA. ESTIRADO 38,10 (1 1/2")	1.018	-0,160	139549	38.10
PAJ-48073	1018 CUA ESTTRADO 12,70 (1/2")	290	-0.110	916617	1270
PAJ-48073	1018 CUAL ESTIRADO 38,10 (1 1/2")	1.016	0,160	139756	38,10
MJP-47896	1018 CUA. ESTIRADO 38,10 (1 1/2*)	2.032	- 0,160	139775	38,10
MN-47094	1018 CUA. ESTIRADO 38,10 (1 1/2")	892	- 0,160	119817	38,10
MN-47094	12L14 RED. ESTIRADO 31,75 (1 1/4")	892	- 0,051	202514	31,75
PAJ-48097	1018 CUA. ESTIRADO 38,10 (1 1/2")	SRG	- 0,160	140120	38,10
PAR-48177	1018 CUAL ESTIRADO 25,40 (1")	1.036	- 0,130	916/80	25,10
PAR 48177	1018 RED. ESTIRADO 25,40 (1")	4.004	- 0,051	140110	25,40
PAR-48177	12L14 RED. ESTIRADO 22,23 (7/8")	99.1	- 0,051	202551	22,23
PAR-48177	12L14 HEX. ESTTRADO 28,58 (1 1/8")	1.056	- 0,076	916960	78,58
MJP-48227	1018 RED. ESTTRADO 12,70 (1/2")	1.030	-0,051	140121	17.70
OU-48310	12L14 RED. ESTIRADO 15,88 (5/8")	1.008	- 0,051	140427	15,88
OU-48310	1018 RED. ESTIRADO 6,35 (1/4°)	1.067.	- 0,051	140428	6,35
OU-48310	1018 RED ESTIRADO 19,05 (3/4")	2.044	- 0,051	140130	19.05
OU-48310	1018 RED. ESTIRADO 12,70 (1/2")	1.060	- 0.051	140431	12,70
AQM-47689	1018 RED. ESTTRADO 9,53 (3/8")	950	- 0,051	140166	9,53

.277 1267 -

Composición química de la colada / Chemical Analysis of licat

MEDIDA	OF	COLADA	%	%	: %	%	%	%	%	%	%	%	%
Measurement		Cast Nr.	C	Cr	Cu	Mn	Mo	N	M	P	Fb	S	Si
12,70 0,00	916617	41450	0,150	0,000	0,000	0,769	0,000	0,000	0,000	0,015	0,000	0.009	0,194
12,70 0,00	916617	41450	0,150	0,000	0,000	0,769	0,000	0,000	0,000	0,015	0,000	0,009	0,191
38,10 0,00	139549	41798	0,165	0,000	0,150	0,760	0,000	0,000	0,000	0,010	0,000	0,012	0,230
12,70 0,00	916617	41450	0.150	0,000	0,000	0,769	0,000	0,000	0,000	0,015	0,000	0,009	0,194
38,10 0,00	139756	41798	0,165	0,000	0,150	0,760	0,000	0,000	0,000	0,010	0,000	0,012	0,230
38,10 0,00	139775	41798	0,165	0.000	0,150	0,760	0,000	0.000	0,000	010,0	0,000	0,012	0,230
38,10, 0,00	139817	41798	0,165	0.000	0,150	0,760	0,000	0,000	0,000	0,010	0,000	0,012	0,230
31,75 0,00	202514	40991 W	0,070	0,140	0,270	1,110	0,030	0,000	0,120	0.052	0.710	0,313	0,020
38,10 - 0,00 .	140120	4179K	0,165	0,000	0,150	0,760	0,000	0,000	0,000	0,010	0,000	0,012	0,230
25,40 0,00	916780	41544 C	0,160	0.000	0,000	0,720	0.000	0,000	0,000	0,016	0,000	0,023	0,160
25,40 ; 0,00	140110	41830 G	0,170	0.000	0,000	0,670	0,000	0,000	0,000	0,011	0,000	0,018	0,134
22,23 0,00	202551	41687 AG	0,070	0.046	0,012	1,130	0,006	0,000	0,023	0,064	0,270	0,300	0,003
28,58 0,00	916960	41658 AG	0,070	0,080	0,010	1,090	0,011	0,000	0,024	0,056	0,300	0,300	0,005
12,70 0,00	140121	41690 GM	0,170	0,000	0,029	0,710	0,000	0,007	0,000	0,020	0.000	0,008	0,160
15,88 0,00	140427	41826 G	0,066	0,028	0,085	1,125	0.010	0,000	0,033	0,044	0,260	0,304	0,012
6,35 0,00	140428	41480 GM	0,160	0,000	0,000	0,750	0,000	0,000	0,000	0,021	0,000	0,032	0,160
19,05 0,00	140430	41702 AG	0,177	0.000	0,119	0,787	0,000	0,002	0,000	0,013	0,000	0,022	0,201
12,70 0,00	140431	41705 GM	0,160	0,000	0,260	0.720	0,000	0,012	0,000	0,013	0,000	0,012	0,170
9,53 0,00	140166	41460 GM	0,160	0,000	0,000	0.750	0,000	0,000	0,000	0,021	0,000	0,032	0,160



ARANA Y LUPARDO, 2 48490 UGAO-MIRAVALLES/VIZCAYA (SPAIN)

Tino.: 946480211 Fax: 946480128

Email: calpradera/gicalibradospradera.es

tvww.calibradospradera.es

CERTIFICADO DE CALIDAD/QUALITY REPORT

De acuerdo a /Made according to:

EN 10204/DIN 50049

3.1

N° CERTIFICADO / CERTIFICATE NR.: 48819

ALBARAN 48819 CLIENTE LES ACTERS TRANSBEC (1997) LTÉE
Delivery Note Nr. CUSTOMER

Norma: EN 10277

Productos Calibrados de acero. Condiciones técnicas de suministro.

Norm:

Bright steel products. Technical delivery conditions.

Caracteristicas mecánicas / Mechanical properties

MEDIDA OF COLADA Tens		Resistencia Tens. strenght N/mm2	Vield point 0,2% N/mm2	Alargamiento Elongation Lo=50 mm.	Dureza HB Hordness 11B	Estricción %	
12,70	916617	41450	606,20	550,30	15,40	185,00	61,50
12,70	916617	41450	606,20	550,30	15,40	185,00	61,50
38.10	139549	41798	472,00	314,00	33,00	0,00	0,00
12,70	916617	41450	606,20	550,30	15,40	185,00	61,50
38,10	139756	41798	-172,00	314,00	33,00	0,00	0,00
38,10	139775	41798	472,00	314,00	33,00	0,00	0,00
38,10	139817	41798	472,00	314,00	33,00	0,00	0,00
31,75	202514	40991 W	545,20	529,60	24,08	200,00	40,07
38,10	140120	41798	472,00	314,00	33,00	0,00	0,00
25,40	916780	41544 C	199,00	321,00	29,00	0.00	0,00
25,40	140110	41830 G	608,12	588,78	2.7,36	205,00	57,24
22,23	202551	41687 AG	551,91	540,60	17,60	190,00	49,80
28,58 :	916960	41658 AG	491,80	472,70	25,70	162,00	50,83
12,70	140121	41690 GM	647,41	585,28	16,92	228,00	63,62
15,88	140427	41826 G	588,93	579.26	11,28	175,00	41.65
6,35	140428	41480 GM	536,00	0,00	35,90	0,00	0,00
19,05	140430	41702 AG	609,50	579,72	16,86	180,00	61.57
12,70	140431	41705 GM	612.53	597,86	13,40	195,00	46,67
9,53	140166	41460 GM	524,00	0,00	33,50	0,00	0.00

Calidad Superficial

DESCRIPCIÓN Description	OF	Clase EN 10277-1	
12L14 RED. ESTIRADO 31,75 (1 1/4")	202514		
12L14 RED. ESTIRADO 22,23 (7/8")	202551	3	
12L14 HEX. ESTIRADO 28,58 (1 1/8")	916960	1	
1018 RED. ESTIRADO 12,70 (1/2")	140121	3	
12L14 RED. ESTIRADO 15,88 (5/8")	140-127	3	
1018 RED. ESTIRADO 6.35 (1/4")	140428	2	
1018 RED. ESTIRADO 19,05 (3/4°)	140430	2	
1018 RED. ESTIRADO 12,70 (1/2")	140431	3	
1018 RED. ESTIRADO 9,53 (3/8")	. 140166	2	

Observaciones: BARRAS DE ACERO ESTIRADAS EN FRIO SIN ALEAR



ARANA Y LUPARDO, 2 48490 UGAO-MIRAVALLES/VIZCAYA (SPAIN)

Tfno.: 946480211 Fax: 946480128

Email: calpradera@calibradospradera.es

www.calibradospradera.es

CERTIFICADO DE CALIDAD/QUALITY REPORT

De seuerdo a /Made according to:

EN 10204/DEN 50049

3.1

Nº CERTIFICADO / CERTIFICATE NR.: 48819

ALBARAN 48819 CIJENTE LES ACIERS TRANSHEC (1997) LTÉE
Delivery Note Nr. CUSTOMER

Norma : EN 10277

Productos Calibrados de acero. Condiciones técnicas de suministro.

Norm:

Bright steel products. Technical delivery conditions.

DEPARTAMENTO DE CALIDAD: Certifica que el mencionado producto enmple con las especificaciones del pedido.

QUALITY DEPARTMENT: Certify that the product fulfils the order specifications.

Fecha/Date: 20/09/2017

Firmado: Susana Fernández. Directora de Calidad





Sistema de Gestión ISO 2001/2008

ID THE THE SAME

.CO.63121 DART



1281,235

A286236

Abnahmeprüfzeugnis 3.1 (EN 10204) Inspection certificate - mill certificate

Nr.: 89050631

01/1

PO.11539

Rev.: 0

0,03

0.02

0,03

0,05

1 von / of 2

Zertifiziert nach / certified to ISO 9001, ISO/TS 15949, EN/AS 9100, ISO 14001, NADCAP

Seite / page: Datum / date:

2017 05 18

Bestell Nr. / order no.:	C 73968
Datum / date:	2017 01 27
Auftragsbest, Nr. / order confirm no.;	125470
Datum / date:	2017 01 30
Lieferschein Nr. / delivery note:	89050631
Datum / date:	2017 06 30

 Produkt / product
 Bedingungen / terms

 Form / form: Sheet
 Technische Lieferbedingungen / techn. spec.;

 Werkstoff / material: 6061 /
 AMS-QQ-A-250/11, 08.1997

 Zustand / temper: T6 /
 ASTM B 209 - 14

 Dim. / dim.: [inch]: 0,040x48,00x144,00 /
 Cessna CMMP019, Rev. D, 09-07-01

 Cessna CMMP019, Rev. V, 2-20-15
 Sondervorschrift / special terms:

AB-Pos. BNr/Los Tellios Guss Nr. Werkstoff Kollo Gewicht netto SIK. material packno. weight net Lot/No. pcs. ord.-item. Part. cast no. 87 6061 2339,065 lbs 03 63212/01 00 01/0082345/7 1254700013 03 63212/01 00 01/0082345/7 6061 1254700014 2343,474 lbs 87

Chemische Zusammensetzung ([%] Gewichtsanteile) / Chemical composition ([%] weight proportion (OES)) Guss Nr. / cast no. material Others Each Others Total 01/0082345/7 6061 Si Cu Mn Mg Cr 0.04 0.40 0.15 0.80 spec. min. 1,20 0,35 0.25 0,15 0.05 0,15 0.80 0,70 0.40 0.15 **врес.** тах.

0,24

0,13

0,85

0,17

BNr/Los	Zustand	Richtung	Tests		UTS	YS	A2"		
Lot/No.	temper	direction			[ksi]	[ksi]	[%]		
				spec.min.	42,0	35,0	10		
				spec.max.	-	-	•		
3212/01	T6	LT	5	from	49,2	43,2	13		
3212/01	T6	1.T		lo	49.5	43.4	13	:	

Z. 18. 01 6.

0,43

0.67

Sonstige Prüfungen / other tests
Biegeversuch: OK. / Transverse bend test: OK.
Maßkontrolle: OK. / Dimensional Check: OK.

actual

Oberfläche: OK. / Surface inspection: OK.



75%

Abnahmeprüfzeugnis 3.1 (EN 10204) Inspection certificate - mill certificate

Nr.: 89050631

01/1

Rev.: 0

Seite / page:

2 von / of 2

Datum / date:

2017 05 18

Bemerkungen / notes

Die Dimensionstoleranzen entsprechen ANSI XXX / As standard, dimensional tolerances are to ANSI XXX

Zertifiziert nach / certified to ISO 9001, ISO/TS 16949, EN/AS \$100, ISO 14001, NADCAP

Ausgestellt nach Airbus Zulassung Nr. 30272.

Wir bestätigen, dass die gesamte Lieferung unter Einhaltung und soweit oben nicht anders dargelegt aller Forderungen (Spezifikationen, Zeichnungen, Aufträge) hergestellt und geprüft wurde.

Das Qualitätsmanagementsystem erfüllt die Anforderungen der AUK/SA/001-3.

Hergestellt, kontrolliert und geprüft nach Hawker Beechcraft HBIFSAS/PART3/0771

Agusta Westland Genehmigung Lieferantennummer V21275

Issued under Airbus Approval No. 30272.

Certified that the whole of the supplies detailed hereon have been manufactured, inspected, tested and unless otherwise stated above conform in all respects to the Specifications, Drawings and Contract.

Order relevant thereto The Quality Managment System arrangements in respect of these supplies comply with the requirements of AUK/SA/001-3.

Manufactured, inspected and tested according Hawker Beechcraft HBIFSAS/PART3/0771

Agusta Westland approval supplier code V21275

Es wird bestätigt, dass die Lieferung geprüft wurde und den Vereinbarungen bei der Bestellung entspricht. We hereby certify that the material described above has been tested and complies with the terms of the order contract.

Werksachverständiger / factory specialist	E-Mali / e-mail
Klampfer Josef	osef.klampfer@amag.at

Herstellerland: Österreich / goods origin: The goods are of Austrian origin.

Maschinell erstellt - Gültig ohne Unterschrift / Automated - valid without being signed.

AMAG rolling Werkspachverstandiger ROL-Nr. 015

AMAG rolling GmbH, Postfach 32, A-5282 Ransholen, Österreich - www.amag.at/amag.et/ AMAG rolling GmbH, P.O. Box 32, A-5282 Ransholen, Austria - www.amag.et/

Flat Rolled Products

SHIPPER NO , PA |515916 GOVT CONTRACT VANDERGRIFT ACCEPTING MILL OCO23-0 25

09/12/16 788650

S S

SOLD SHIP

C17166 FORMS QISTRIBUTION

CUST ORD. NO & DATE

CUST CODE

7219.33.0000 SEC.

DSO

PRIME DSO 4

30

CERTIFICATE OF TEST

09/13/16 DATE SHIPPED PA | 667644 MILL ORDER NUMBER 13020102060000 |30-096-179 1124 VANDERGRIFT PRODUCT CODE

499506

CARRIER - SUNTECK TRANSPORTATION (ASME-SA-240 ED 2015) U 16) "ATI 304" STAINLESS STEEL SHEET (ASTM-A-480-16A) (ASTM-A-240) GRADE AND SPECIFICATIONS

AAB53839-B COIL # 849356 HEAT # 024X48

T304)

SKID

1 48./.024/3468 CUST IDENTITY T304)

001 C

ITEM PCS DIMENSIONS W/G/L

TARE NET GROSS TEST #

8840300

:#=

TAG #/ CD SKID

THEO

458762

13720 13770

EXW - EXCEPT VAT AND OTHER APPLICABLE LOCAL TAXES WHICH ARE THE RESPONSIBILITY OF THE BUYER EMAIL INVOICE TO AP®SAMUEL.COM ORDER REMARKS: DIST:

--IN--8.14 BN --CR--18.32 BN --IS-- ---G--.33 BN .0001 BN .035 --MN--1.68 .025 (M.L %) TYPE HEAT/TEST TEST LOCATION 849356

HEAT

--N--

.07 BN

> HARDNESS 84.HRBW 8 R/A NR TENSILE & ELONG IN 2" 56. 7C. PSI 97000. 96700. 48100. T 49400.

YIELD * ISd

> TEST NO 8840300

ITEM 001

(69.HR30TW 84.HRBW

SIZE NR NR

BEND NR

(MEASURED

CORROSION ASTM GRAIN

Y.S. BY 0.2% OFFSET METHOD ELONG AT FRACTURE - Bit

TEST LOCATION

NR = DATA NOT REQUIRED
GRADE VERIFICATION WAS CARRIED OUT SPECTROSCOPICALLY

09:23:28 09/13/16

CONSIGNEE. Peaso Note: This consignment was turned their to during in ITSI class condition, being contectly upwared as entire provident pease cannot be considered to state of the provident pease eather in the private of their provident pease eather in the private in the provident pease eather in the private in the provident provident and scores of their as I have shorted in description again to have juil before suprovident and a transfer and their provident pease by

- CONTINUED ON PAGE 02

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PAGE

Safety Data Sheets for this

The above is a tive copy of data on file. The material and tast results conferm to the sales contract and specification(s) as set forth in ATI Flat Rollad Products' Order Acanowledgement

CUST ORD NO & DATE

Flat Rolled Products ACCEPTING MILL

SHIPPER NO , PA |515916 VANDERGRIFT

09/13/16 MILL ORDER NUMBER 13020102060000 |30-096-179 PRODUCT CODE

CERTIFICATE OF TEST

09/12/16 788650 C17166 FORMS DISTRIBUTION

[1124 |VANDERGRIFT 7219.33.0000 ORDER RATE ORITY DSO SEC DSO PRIME

- SUNTECK TRANSPORTATION C R COILS ANNEALED 2B FIN 3 EDGE (304/304L) CARRIER 304"/STAINLESS STEEL SHEET

EN 10204:2005 - 3.1 CERTIFICATE DOES NOT INDICATE PED APPROVAL FOR THIS MATERIAL

THESE COMMODITIES OR TECHNOLOGY, WHEN EXPORTED FROM THE UNITED STATES, ARE IN ACCORDANCE WITH THE USA EXPORT ADMINISTRATION REGULATIONS. DIVERSION CONTRARY TO U.S. LAW IS PROHIBITED. U.S. LAW ALSO PROHIBITS DISPOSITION OF THESE COMMODITIES/TECHNICAL DATA TO ANY END-USER OR FOR ANY END-USE RELATED TO THE DESIGN, DEVELOPMENT, PRODUCTION, STOCKPILING, OR USE OF CHEMICAL, BIOLOGICAL, OR NUCLEAR WEAPONS, OR MISSILES, WITHOUT THE PROPER APPROVAL OF THE UNITED STATES GOVERNMENT.

THE HARDNESS CONVERSION WAS PERFORMED USING EQUATIONS GIVEN IN ASTM E140 DEVELOPED FROM DATA IN TABLES 1, 2, 3, 5, AND 6. THE PARTICULAR EQUATION USED WAS BASED ON MATERIAL TYPE AND MEASURED HARDNESS SCALE. PER ASTM E140; THE CONVERSION VALUES ARE ONLY APPROXIMATE AND MAY BE INACCURATE FOR SPECIFIC APPLICATION.

THIS CERTIFIED MATERIAL TEST REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL. FEDERAL LAW PROHIBITS THE RECORDING OF FALSE, FICTITIOUS, OR FRAUDULENT STATEMENTS OR ENTRIES ON THE CERTIFICATE AND MAY BE PUNISHABLE AS A FELONY UNDER FEDERAL LAW. ATI FRP HOLDS SEVERAL QUALITY CERTIFICATIONS THAT INCLUDE ISO-9001, AS9100, NADCAP, AND ISO/IEC 17025. MATERIAL WAS MANUFACTURED IN ACCORDANCE WITH THE ATI FRP QUALITY MANUAL REVISION 24 DATED 10/16/2015.

ATI FLAT ROLLED PRODUCTS PERFORMS CHEMICAL ANALYSIS BY THE FOLLOWING TECHNIQUES

FOR TESTING LOCATIONS TC, BN, MI, & LO:
C, S BY COMBUSTION/INFRARED
N, O, H BY INERT FUSION/THERMAL CONDUCTIVITY
MN, P, SI, CR, NI, MO, CU, CB, CO, V BY WDXRF B BY OES

AL AND TI (>=0.10%) BY WDXRF, OTHERWISE BY OES PB, BI, AG BY GFAA

PAGE 02 - CONTINUED ON PAGE

website, www.Afametals.com. A thorough i Safety Data Sheet for the grade of malarial i be performed prior to working with this pro CONSIGNEE. Pease Note-frie consignment was lumed over to caller in discuss soundison, being contextly educated, at each time of our responsibility for loss or canage in stiperent cased for your protection pease examine shopment as a server it any shockage or damage is discovered. Nave a full description made by contemporation agent on ways, below symmy.

The above is a true copy of data on file. The material and test results conform to the sales contract and specification(s) as set forth in ATI Fiss Rollad Products' Order Acknowledgement.

NOTICE OF SHIPMENT/ PACKING LIST

DSO DSO 09/12/16 788650 SPEC C17166 FORMS DISTRIBUTION CUST ONG NO. & DATE SOLD SHIP

7219.33.0000 SHIPPER NO 50 | VANDERGRIFT, PA | 515916 RATE | PRI | 907TCONTRACT | 00023 - 0 | 25 | 7219.33.000C | PRIME SEC. Flat Rolled Products ACCEPTING MILL

109/13/16 DATE SHIPPED MILL ORDER NUMBER 13020102060000 30-096-179 MAT. | MAT. | SHIPPING LOCATION PRODUCT CODE

PA | 667644

11124 VANDERGRIFT

CERTIFICATE OF TEST

CARRIER - SUNTECK TRANSPORTATION "ATI 304" STAINLESS STEEL SHEET C R COILS ANNEALED 2B FIN 3 EDGE (304/304L) GRADE

ATI FLAT ROLLED PRODUCTS HAS NO CONTROL OVER CUSTOMER PROCESSING OF MATERIAL; INCLUDING, BUT NOT LIMITED TO, BUFFING OR ELECTROPOLISHING MATERIAL WITH A 2B OR OTHER FINISH, AND DOES NOT REPRESENT OR GUARANTY THAT THE MATERIAL IS SUITABLE FOR ANY PARTICULAR PROCESS OR USE OF CUSTOMER.

EN 10204:2005 3.1 CERTIFICATE.

BN = ATI-FLAT ROLLED PRODUCTS; 100 RIVER ROAD; BRACKENRIDGE, PA 15014 TC = ATI-FLAT ROLLED PRODUCTS; 1300 PACIFIC AVENUE; NATRONA HEIGHTS, PA 15065 TESTING WAS PERFORMED AT THE FOLLOWING LOCATIONS:

^^^^^ ~~~~~~ TEST FOR ACCESS TO ONLINE CERTIFICATES OF REGISTER AT MYATI.ATIMETALS.COM >>>>>>>>

09:23:28 09/13/16

- FINAL PAGE

PAGE 03

COMBIGNEE. Please Note: This consegment east Larted over to cause; in city, class, services over the cause; in city, class, each consequent as each time. The cause of present of the cause of the cause

The above is a true copy of data on file. The maienal and test results conform to the sales contract and specification(s) as set forth in Aff Flat Rolled Products' Order Acknowledgement.

MATERIAL: 2	M3045246A DEC 1 1 2017	PO / BATCH NO .: 038419 / SO18004/SO
MATERIAL CERT REC'D: _ QUANTITY RECEIVED: _ QUANTITY INSPECTED: _ QUANTITY REJECTED: _	Yes 64' +32'=96' 64' +32'=96'	THICKNESS ORDERED: 0-25 THICKNESS RECEIVED: 0-25 SHEET SIZE ORDERED: 418 SHEET SIZE RECEIVED: 418

	NO	CR		
DESCRIPTION		eck (N)	COMMENTS	
SURFACE DAMAGE	Y	N)		
CORRECT FINISH	(1)	N		
CORROSION	Y	0		
CORRECT GRAIN DIRECTION	0	N	,	
CORRECT MATERIAL PER M-DRAWING	(0)	N	B. Astm - A-240	
CORRECT THICKNESS	(7)	N		
PHOTO REQUIRED	Y	N		
CORRECT REF # TO LINK CERT	0	N	Heat# 849356	
CORRECT MATERIAL IDENTFICATION	0	N		
CORRECT M# ON THE MATERIAL	0	N		
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Υ	(N)		
DOES THIS REQUIRE AN EXTRUSION REPORT	Υ	(N)		

CUT SAMPLE PIECE OF	MATERIAL A	ND PREFOR	M A HARDNE	SS CHECK.	
F	RECORD RES	SULTS BELOY	V		
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required			
INSPECTED BY:	SIGNED OFF BY:			
DATE: NEC 1.1	DATE:			

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: AISI 304/316 SS SHEET ANNEALED MIL-S-5059 OR AMS 5513 (304) OR AMS 5524 (316) OR ASTM A240 OR ASME SA240 SPECIFICATION:

DART M-NUMBER
1DENTIFIER
1DENTIFI FINISH UNPOLISHED No. 1 UNPOLISHED No. 2B POLISHED No. 3 POLISHED No. 6 BUFFED No. 6 BUFFED No. 7 BUFFED NO. 7

M304S TT GA #P PART NUMBER:

WHERE "TT" = GAUGE THICKNESS WHERE "#P" = FINISH IDENTIFIER

EG. 16 GAUGE SS SHEET 2B FINISH = M304S16GA EG. 16 GAUGE SS SHEET No. 4 POLISHED = M304S16GA4P

GAUGE THICKNESS REFERENCE:

THICKNESS NOM. THICK.

RANGE (IN)
0.0178 - 0.019
0.0178 - 0.029
0.024 - 0.026
0.027 - 0.029
0.036 - 0.030
0.041 - 0.046
0.047 - 0.055
0.056 - 0.047
0.057 - 0.059
0.059 - 0.0130
0.059 - 0.0130
0.059 - 0.0130
0.059 - 0.0140
0.059 - 0.0140
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0.050 - 0.050
0.050 - 0.050
0.050 - 0.050
0.050 - 0.050
0.050 - 0.050 (IN)
0.01875
0.021875
0.028125
0.034375
0.034375
0.034375
0.04375
0.04375
0.09375
0.09375
0.09375
0.0108375
0.1188
0.1288
0.02344
0.22656
0.2344
0.22656

REV. D SHEET 1 OF 1 01.09.24 DART AEROSPACE ITD HAWKESBURY, ONTARIO, CANADA DRAWING NO. COPYRIGHT © 2001 BY DART AEROSPACE LTD his pocusing princing we controlled to the concession and same also any Exercise controlled up to the controlled to t 8 y REFORMAT DWG, ADD ASTM/ASME SPECS (ZN D8-1), ADD GAUGE REF (C8-1), REF PAR 06-020A 304/316 SS SHEET DESCRIPTION 15.01.06 NEW ISSUE CHECKED MFG. APPR. APPROVED DE APPR. DESIGN DATE REV.

15.01.06 12.09.20 09.06.01

AJS MB

DEFINED FINISH OPTION (2N C8) AND EXAMPLE OF MATERIAL P/N WITH FINISH OTHER THAN 28 (2N 85).

ADDED GAUGES 0.7.

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8 0

CP

RELEASED

ECN 15-522 4

2015 FEB 04

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FINISH

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